

Anti-HES5 antibody [EPR15578] ab194111

リコンビナント RabMAb

21 References [画像数 9](#)

製品の概要

製品名	Anti-HES5 antibody [EPR15578]
製品の詳細	Rabbit monoclonal [EPR15578] to HES5
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, IP 適用なし: ICC
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	293, C6 and PC-12 cell lysates; Human cerebellum, Human fetal brain, mouse brain, mouse kidney, mouse spleen, rat brain, rat kidney and rat spleen lysates; Human glioblastoma, Human adenocarcinoma of endometrium and mouse cerebral cortex tissues.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリモノ	モノクローナル
クローン名	EPR15578

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab194111の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa).
IP		1/40.

追加情報

Is unsuitable for ICC.

ターゲット情報

機能 Transcriptional repressor of genes that require a bHLH protein for their transcription.

組織特異性 Expressed in fetal heart and brain tumors.

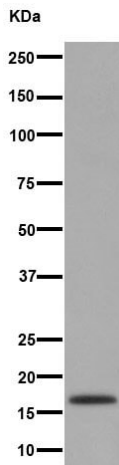
配列類似性 Contains 1 basic helix-loop-helix (bHLH) domain.
Contains 1 Orange domain.

ドメイン Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG).
The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins.

細胞内局在

Nucleus.

画像



Western blot - Anti-HES5 antibody [EPR15578]
(ab194111)

Anti-HES5 antibody [EPR15578] (ab194111) at 1/10000 dilution +
293 cell lysate at 10 µg

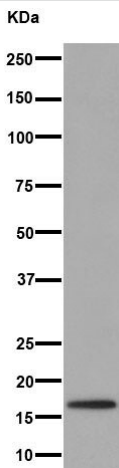
Secondary

Goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000
dilution

Predicted band size: 18 kDa

Observed band size: 18 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-HES5 antibody [EPR15578]
(ab194111)

Anti-HES5 antibody [EPR15578] (ab194111) at 1/10000 dilution +
Human cerebellum lysate at 10 µg

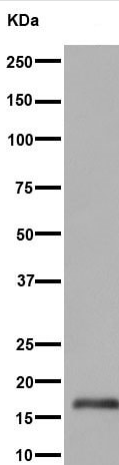
Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at
1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 18 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-HES5 antibody [EPR15578]
(ab194111)

Anti-HES5 antibody [EPR15578] (ab194111) at 1/2000 dilution +
Human fetal brain lysate at 20 µg

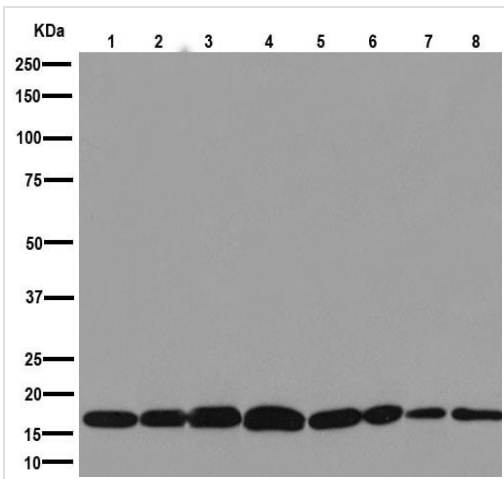
Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at
1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 18 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-HES5 antibody [EPR15578] (ab194111)

All lanes : Anti-HES5 antibody [EPR15578] (ab194111) at 1/2000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse kidney lysate

Lane 3 : Mouse spleen lysate

Lane 4 : Rat brain lysate

Lane 5 : Rat kidney lysate

Lane 6 : Rat spleen lysate

Lane 7 : C6 cell lysate

Lane 8 : PC-12 cell lysate

Lysates/proteins at 10 µg per lane.

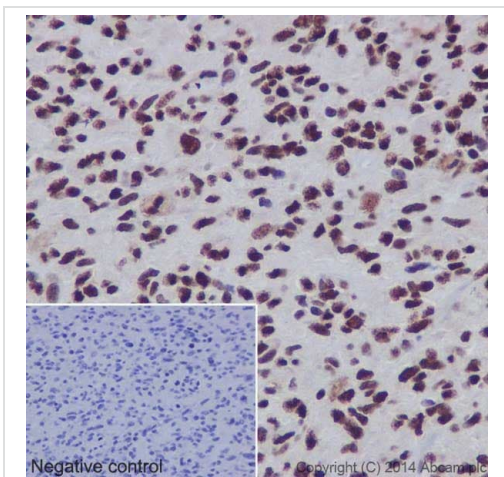
Secondary

All lanes : Goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 18 kDa

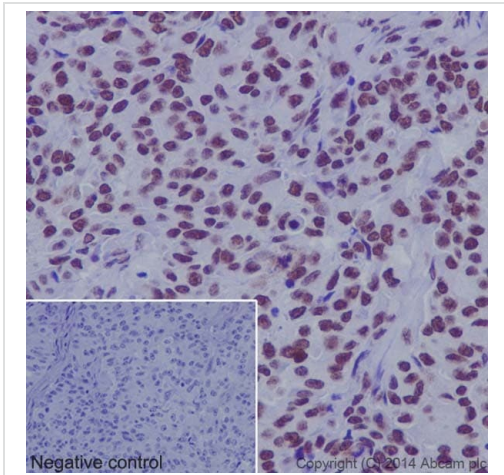
Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HES5 antibody [EPR15578] (ab194111)

Immunohistochemical analysis of paraffin-embedded human glioblastoma tissue labeling HES5 with ab194111 at 1/1000 dilution, followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin.

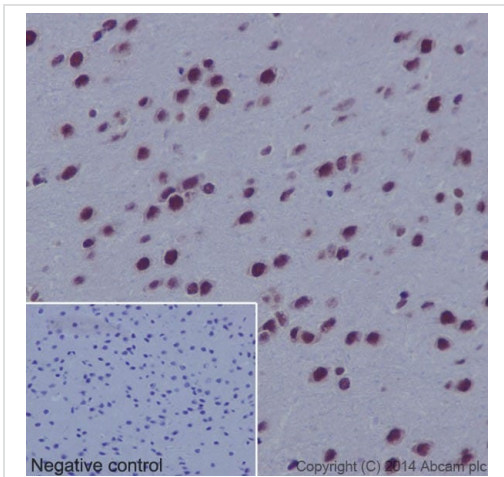
Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunohistochemical analysis of paraffin-embedded Human adenocarcinoma of endometrium tissue labeling HES5 with ab194111 at 1/1000 dilution, followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

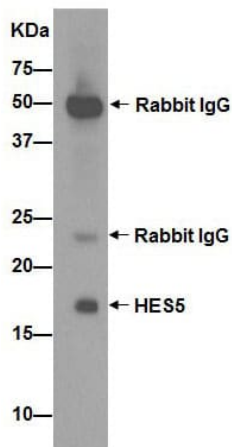
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HES5 antibody [EPR15578] (ab194111)



Immunohistochemical analysis of paraffin-embedded Mouse cerebral cortex tissue labeling HES5 with ab194111 at 1/1000 dilution, followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HES5 antibody [EPR15578] (ab194111)



Western blot detection of HES5 in Human cerebellum cell lysate immunoprecipitated using ab194111 at 1/40 dilution.

Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution.

Blocking/Dilution buffer: 5% NFD/MTBST.

Immunoprecipitation - Anti-HES5 antibody
[EPR15578] (ab194111)

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

Anti-HES5 antibody [EPR15578] (ab194111)

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