

Anti-Wnt16 antibody [EPR22889-129] ab269278

リコンビナント RabMAb

画像数 3

製品の概要

製品名	Anti-Wnt16 antibody [EPR22889-129]
製品の詳細	Rabbit monoclonal [EPR22889-129] to Wnt16
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: Flow Cyt, ICC/IF or IHC-P
種交差性	交差種: 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	WB: IMR-90 and HEK-293 whole cell lysates. IP: HEK-293 whole cell lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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: PBS, 40% Glycerol (glycerin, glycerine), 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	EPR22889-129
アイソタイプ	IgG

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ab269278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。

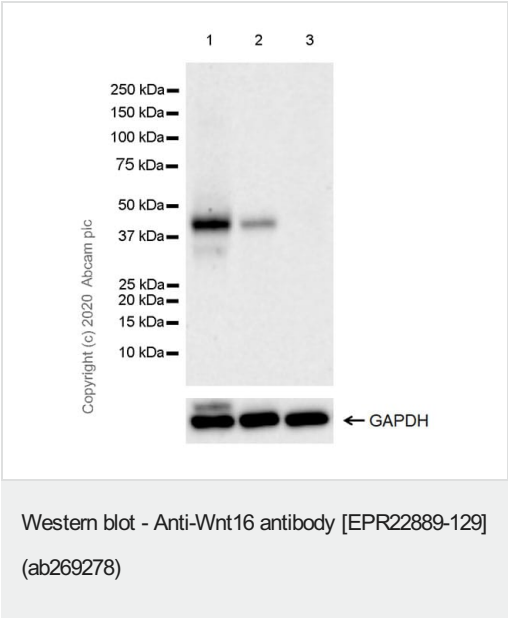
アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 45 kDa (predicted molecular weight: 41 kDa).
IP		1/30.

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

ターゲット情報

機能	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.
組織特異性	Isoform Wnt-16b is expressed in peripheral lymphoid organs such as spleen, appendix, and lymph nodes, in kidney but not in bone marrow. Isoform Wnt-16a is expressed at significant levels only in the pancreas.
配列類似性	Belongs to the Wnt family.
細胞内局在	Secreted > extracellular space > extracellular matrix.

画像



All lanes : Anti-Wnt16 antibody [EPR22889-129] (ab269278) at 1/1000 dilution

- Lane 1 :** IMR-90 (human lung fibroblast) whole cell lysate
- Lane 2 :** HEK-293 (human embryonic kidney epithelial cell) whole cell
- Lane 3 :** U-2 OS (human bone osteosarcoma epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 41 kDa
Observed band size: 45 kDa

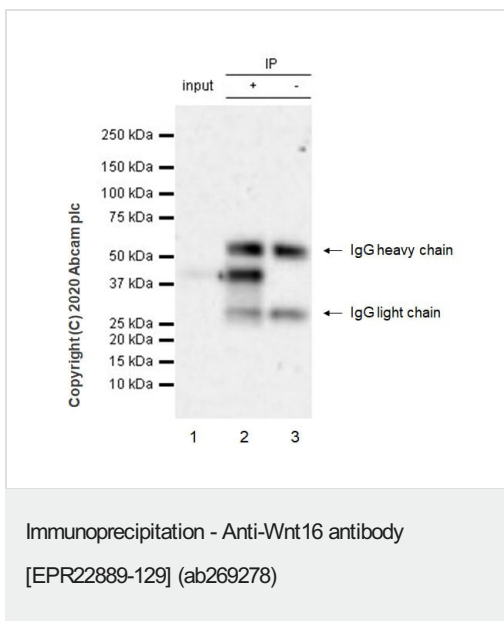
Exposure time: 3 minutes

The expression profile observed is consistent with what has been described in the literature, the band of 45 KDa represents the full length Wnt16, the band of 32 KDa represents the degraded form of Wnt16. (PMID:26254351, 17200136).

Negative control: U-2 OS (PMID: 25999350).

This blot was developed using a higher sensitivity ECL substrate.

Blocking/Diluting Buffer: 5% NFDM/TBST



Wnt16 was immunoprecipitated from 0.35 mg HEK-293 (human embryonic kidney epithelial cell) whole cell lysate using ab269278 at 1/30 dilution. Western blot was performed on the immunoprecipitate using ab269278 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used as the secondary antibody at 1/5000 dilution.

Lane 1: HEK-293 whole cell lysate (input)

Lane 2: ab269278 IP in HEK-293 whole cell lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab269278 in HEK-293 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST

Exposure time: 3 minutes

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-Wnt16 antibody [EPR22889-129] (ab269278)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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