


Anti-UBA52 antibody [EPR4547] ab109230

リコンビナント **RabMAb**

1 References [画像数 4](#)

製品の概要

製品名	Anti-UBA52 antibody [EPR4547]
製品の詳細	Rabbit monoclonal [EPR4547] to UBA52
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF 適用なし: Flow Cyt
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human placenta, Raji, fetal kidney, 293T and Jurkat lysates IHC-P: Human brain tissue IF/ICC: HepG2 cell line.
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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	EPR4547
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ab109230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 - 1/10000. Detects a band of approximately 10 kDa (predicted molecular weight: 15 kDa).
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 °C, below boiling, and then let cool for 10-20 minutes.
ICC/IF		1/250 - 1/500.

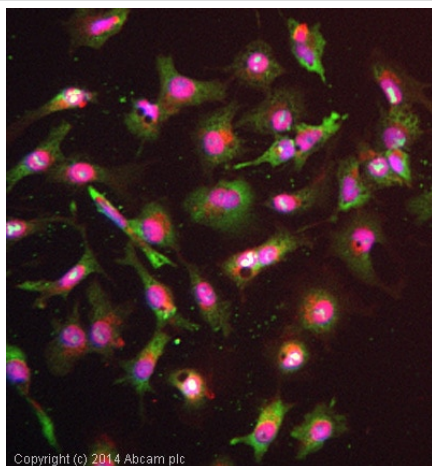
追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

関連性 Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. UBA52 is a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.

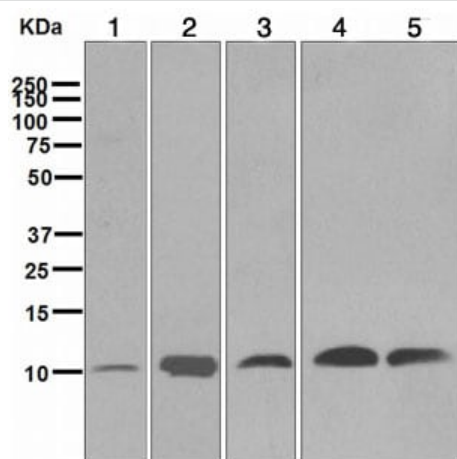
細胞内局在 Ubiquitin: Cytoplasm. Nucleus. 60S ribosomal protein L40: Cytoplasm

画像



Immunocytochemistry/ Immunofluorescence - Anti-UBA52 antibody [EPR4547] (ab109230)

ab109230 stained HepG2 cells. The cells were 4% formaldehyde fixed for 10 minutes at room temperature and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1hour at room temperature to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab109230 at 1/200) overnight at +4°C. The secondary antibody (pseudo-colored green) was [ab96899](#) Dylight 488 goat anti-rabbit IgG used at a 1/1000 dilution for 1hour at room temperature. Alexa Fluor® 594 WGA was used to label plasma membranes (pseudo-colored red) at a 1/200 dilution for 1hour at room temperature. DAPI was used to stain the cell nuclei (pseudo-colored blue) at a concentration of 1.43µM for 1hour at room temperature.



Western blot - Anti-UBA52 antibody [EPR4547] (ab109230)

All lanes : Anti-UBA52 antibody [EPR4547] (ab109230) at 1/1000 dilution

Lane 1 : Human placenta lysate

Lane 2 : Raji cell lysate

Lane 3 : Fetal kidney lysate

Lane 4 : 293T cell lysate

Lane 5 : Jurkat cell lysate

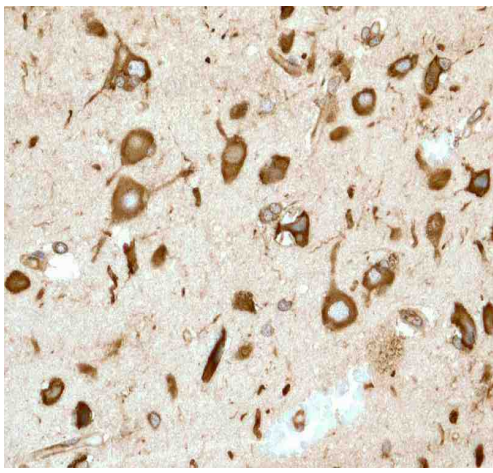
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 15 kDa

Observed band size: 10 kDa

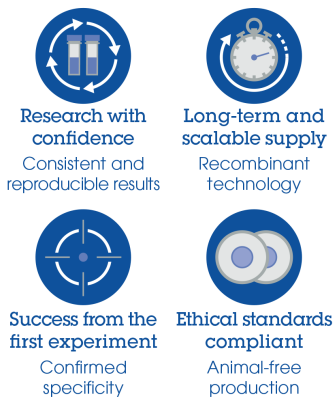


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UBA52 antibody [EPR4547] (ab109230)

Immunohistochemical analysis of UBA52 in paraffin embedded Human brain tissue, using ab109230 at a 1/500 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-UBA52 antibody [EPR4547] (ab109230)

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