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Anti-ABHD12B Antibody

Catalog # AP50951

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q7Z5M8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40776

Additional Information

Gene ID	145447
Other Names	C14orf29; Abhydrolase domain-containing protein 12B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ABHD12B. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

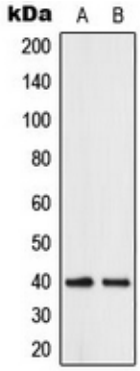
Protein Information

Name	ABHD12B (HGNC:19837)
Synonyms	C14orf29

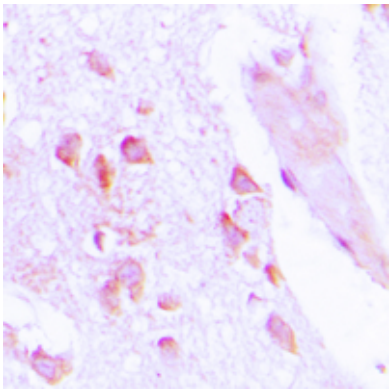
References

Schulz H.L.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).
Sjoeblom T.,et al.Science 314:268-274(2006).

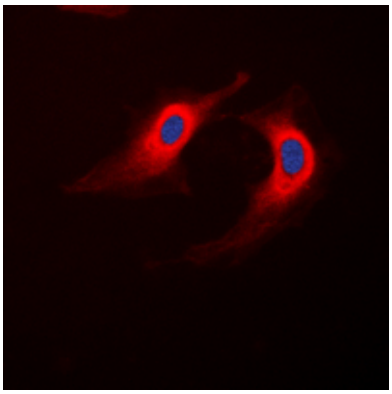
Images



Western blot analysis of ABHD12B expression in human brain (A), K562 (B) whole cell lysates. (Predicted band size: 40; 31; 25; 6 kD; Observed band size: 40 kD)



Immunohistochemical analysis of ABHD12B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ABHD12B staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.