10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ABHD8 Antibody

Catalog # AP50952

Product Information

Application	WB, IHC
Primary Accession	Q96I13
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47331

Additional Information

Gene ID	79575
Other Names	Abhydrolase domain-containing protein 8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ABHD8. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
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

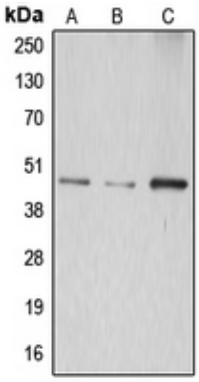
Protein Information

Name	ABHD8 (HGNC:23759)
Function	Negatively regulates NLRP3-driven inflammation (PubMed: 39225180). Promotes NLRP3 degradation through the chaperone- mediated autophagy (CMA) pathway, hence attenuating inflammasome activation and IL1B secretion. Acts by recruiting palmitoyltransferase ZDHHC12 to NLRP3, facilitating NLRP3 palmitoylation and subsequent degradation (PubMed:39225180).
Cellular Location	Cytoplasm.

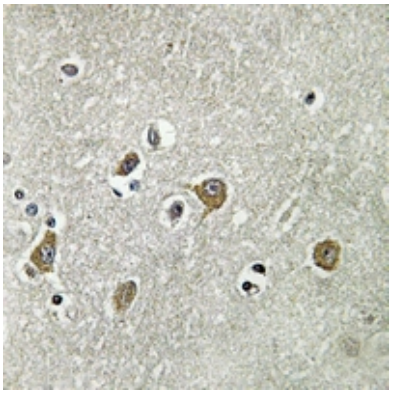
References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Western blot analysis of ABHD8 expression in HepG2 (A), mouse kidney (B), rat kidney (C) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 55 kD)



Immunohistochemical analysis of ABHD8 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.

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