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Anti-ABHD9 Antibody

Catalog # AP51190

Product Information

Application	WB, IHC
Primary Accession	Q9H6B9
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40909

Additional Information

Gene ID	79852
Other Names	ABHD9; Epoxide hydrolase 3; Abhydrolase domain-containing protein 9
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ABHD9. 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

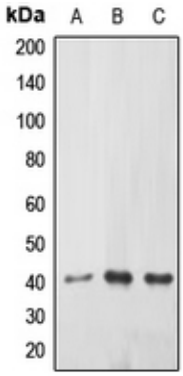
Protein Information

Name	EPHX3
Synonyms	ABHD9
Function	Catalyzes the hydrolysis of epoxide-containing fatty acids. Active in vitro against epoxyeicosatrienoic acids (EETs) including 8,9- EET, 9,10-EET, 11,12-EET and 14,15-EET and leukotoxin.
Cellular Location	Microsome membrane; Single-pass membrane protein

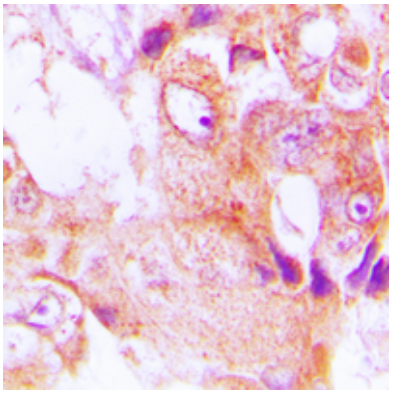
References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of ABHD9 expression in HEK239T (A), mouse kidney (B), rat kidney (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 41 kD)



Immunohistochemical analysis of ABHD9 staining in human lung cancer 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'.