

Anti-ZDHHC2/ZNF372 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Horse,Rabbit,Monkey)
Molecular Weight:	Theoretical: 42 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

Sample:	Cerebrum (Mouse) Lysate at 40 µg Cerebellum (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-ZDHHC2/ZNF372 (TMAB-14279) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 45 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZDHHC2/ZNF372
Antigen Species:	Human
Gene ID:	51201
Uniprot ID:	Q9UIJ5

Research Background

ZDHHC2 is a 367 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger. The ubiquitously expressed ZDHHC2 protein functions as a palmitoyltransferase that uses palmitoyl-CoA and catalyzes the conversion of target proteins, namely GAP-43 and PSD-95, to S-palmitoyl proteins. Defects in the gene encoding ZDHHC2 are found in colorectal cancer and hepatocellular carcinoma, suggesting a role for ZDHHC2 in tumorigenesis. The gene encoding human ZDHHC2 maps to chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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