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Datasheet for ABIN1386801 **anti-LHPP antibody (AA 171-270)**

Overview

Quantity:	100 µL
Target:	LHPP
Binding Specificity:	AA 171-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LHPP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HDHD2B/LHPP
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LHPP
Alternative Name:	HDHD2B (LHPP Products)

Target Details

Background:	<p>Synonyms: FLJ44846, FLJ46044, HDHD2B, hLHPP, lhpp, LHPP_HUMAN, Phospholysine phosphohistidine inorganic pyrophosphate phosphatase.</p> <p>Background: LHPP, also known as HDHD2B, is a 270 amino acid protein that exists as a homodimer and is a member of the HAD-like hydrolase superfamily. Expressed in liver, kidney and moderately in brain, LHPP is encoded by a gene located on 10, which houses over 1,200 genes and comprises nearly 4.5 % of the human genome. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.</p>
Gene ID:	64077

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months