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Datasheet for ABIN571250 anti-MPV17 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µg
Target:	MPV17
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MPV17 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	MPV17
Immunogen:	C-QRALAAHPWKVQ
Sequence:	QRALAAHPWK VQ
Isotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	MPV17
Alternative Name:	MPV17 (MPV17 Products)
Background:	MPV17, MpV17 mitochondrial inner membrane protein, SYM1, Mpv17 protein, Mpv17, human homolog of glomerulosclerosis and nephrotic syndrome, OTTHUMP00000122591
Gene ID:	4358, 17527, 360463
NCBI Accession:	NP_002428
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Liver shows heavy textured cystoplasm
	staining in hepatocytes, consistent with mitochondia Recommended concentration, 5-10 μ
	g/mL.
	Western Blot: Approx 19 kDa band observed in Human Brain (Frontal Cortex) lysates (calculated
	MW of 19.7 kDa according to NP_002428.1). Recommended concentration: 1-3 $\mu g/mL$. An
	additional band of unknown identity was also consistently observed at 26 kDa. Thi
	Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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Immunohistochemistry

Image 1. ABIN571250 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

	250kDa 150kDa 100kDa
	75kDa
	50kDa
	37kDa
1	25kDa
	20kDa
	15kDa

Western Blotting

Image 2. ABIN571250 (2µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.