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AP08562PU-N	Polyclonal Antibody to MPP6 (2-14) - Aff - Purified
Alternate names:	MAGUK p55 subfamily member 6, VAM1, Veli-associated MAGUK 1
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	Progression of cells from interphase to mitosis involves alterations in cell structures and activities. The transition from G2 to M phase is induced by M phase promoting factor, or MPF. In M phase, many proteins are phosphorylated directly by MPF or indirectly by kinases activated by MPF. These M phase phosphoproteins (MPPs, or MPHOSPHs) permit disassembly of interphase structures and generation of M phase enzymatic activities and structures. VAM1 or MPP6 is thought to be a nucleolus specific exosome co factor, required for its role in the maturation of 5.8S rRNA.
Uniprot ID:	<u>09NZW5</u>
NCBI:	<u>NP_057531.2</u>
GenelD:	<u>51678</u>
Host / Isotype:	Goat / IgG
Immunogen:	Synthetic peptide from the N-terminus of Human MPP6 AA Sequence: QQVLENLTELPSS-C Remarks: Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Mouse, Rat, Rabbit (100%); Dog, Bovine, Bat, Elephant, Panda, Horse, Pig (92%); Platypus (85%)
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% Sodium Azide as preservative
Applications:	ELISA: 1/128000. Immunohistochemistry on Paraffin Sections: 5 μg/ml. Western Blot: 1/128000, 0.3 - 1 μg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes MAGUK Protein VAM-1 (MPP6) at aa 2-14.
Species Reactivity:	Tested: Human, Gibbon, Monkey, Marmoset, Mouse, Rat, Rabbit, Dog, Bovine, Bat, Elephant, Panda, Horse, Pig, Platypus
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

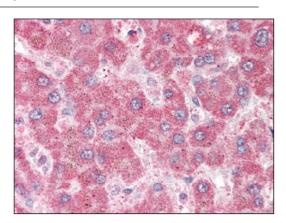
For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

OG/20170919 1/2



Pictures:

Liver: Formalin-Fixed Paraffin-Embedded (FFPE)



Antibody staining $(0.3 \ \mu g/ml)$ of 293 lysate (RIPA buffer, 35 μg total protein per lane). Primary incubated for 1 hour. Detected by western blot using Chemiluminescence.

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

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