

ARG63622
anti-PALS / MPP5 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PALS / MPP5
Tested Reactivity	Hu
Predict Reactivity	Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PALS / MPP5
Species	Human
Immunogen	NKASPPFLISNAQ-C
Conjugation	Un-conjugated
Alternate Names	MAGUK p55 subfamily member 5; PALS1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 64398 Human](#)

[Swiss-port # Q8N3R9 Human](#)

Background

This gene encodes a member of the p55-like subfamily of the membrane-associated guanylate kinase (MAGUK) gene superfamily. The encoded protein participates in the polarization of differentiating cells, has been shown to regulate myelinating Schwann cells (PMID: 20237282), and is one of the components of the Crumbs complex in the retina. Mice which express lower levels of the orthologous protein have retinal degeneration and impaired vision (PMID: 22114289). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

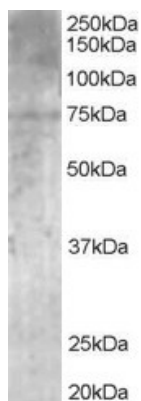
Research Area

Gene Regulation antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

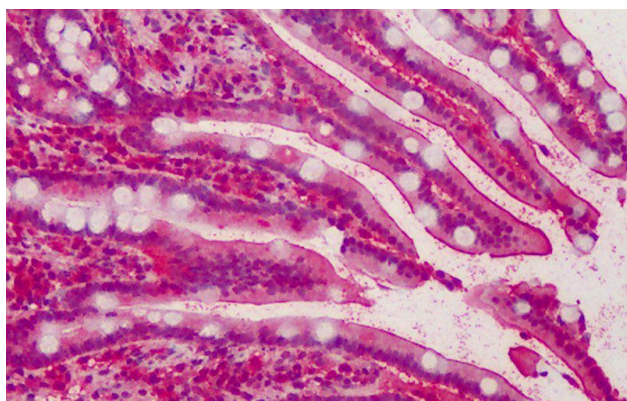
77 kDa

Images



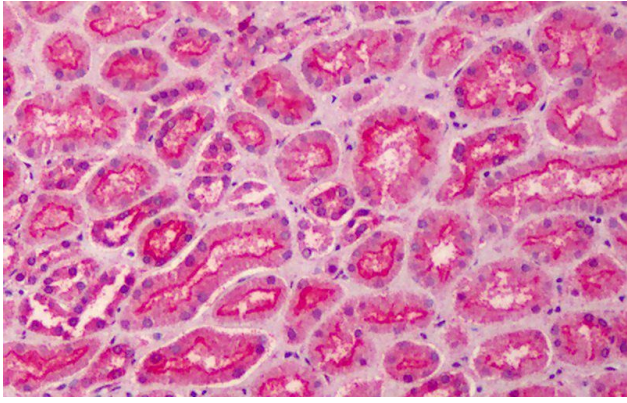
ARG63622 anti-PALS / MPP5 antibody WB image

Western Blot: Human Brain lysate (35 µg protein in RIPA buffer) stained with ARG63622 anti-PALS / MPP5 antibody at 1 µg/ml dilution.



ARG63622 anti-PALS / MPP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63622 anti-PALS / MPP5 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63622 anti-PALS / MPP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63622 anti-PALS / MPP5 antibody at 5 µg/ml dilution followed by AP-staining.