

ARG65739 anti-Stomatin antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Stomatin
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_004090.4; NP_937837.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Stomatin
Species	Human
Immunogen	Synthetic peptide from the N-terminus of Human Stomatin. (EKRHTRDSEAQR-C)
Conjugation	Un-conjugated
Alternate Names	Protein 7.2b; BND7; EPB72; EPB7; Stomatin; Erythrocyte band 7 integral membrane protein

Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

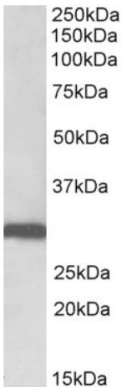
Properties

Form	Liquid
Purification	Affinity purified
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.

Bioinformation

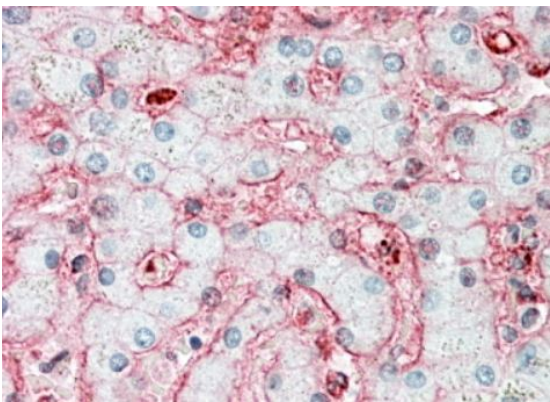
Database links	GeneID: 2040 Human Swiss-port # P27105 Human
Gene Symbol	STOM
Gene Full Name	stomatin
Background	This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]
Function	Regulates ion channel activity and transmembrane ion transport. Regulates ASIC2 and ASIC3 channel activity. [UniProt]
Research Area	Neuroscience antibody
Calculated Mw	32 kDa

Images



ARG65739 anti-Stomatin antibody WB image

Western blot: 35 µg of Human Lung lysate stained with ARG65739 anti-Stomatin antibody at 0.1 µg/ml dilution (1h incubation).



ARG65739 anti-Stomatin antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human Liver stained with ARG65739 anti-Stomatin antibody at 5 µg/ml dilution. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.