ARG63216
anti-LIS1 / PAFAH1B1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes LIS1 / PAFAH1B1
Tested Reactivity	Hu, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	LIS1 / PAFAH1B1
Species	Human
Immunogen	TGSVDQTVKVWECR
Conjugation	Un-conjugated
Alternate Names	Platelet-activating factor acetylhydrolase IB subunit alpha; LIS-1; MDCR; LIS1; LIS2; PAF acetylhydrolase 45 kDa subunit; PAF-AH 45 kDa subunit; PAF-AH alpha; Lissencephaly-1 protein; PAFAH; MDS; PAFAH alpha

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 5 µg/ml
WB	0.3 - 1 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

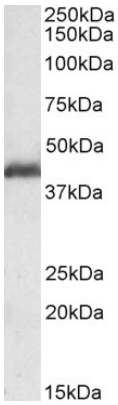
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for 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

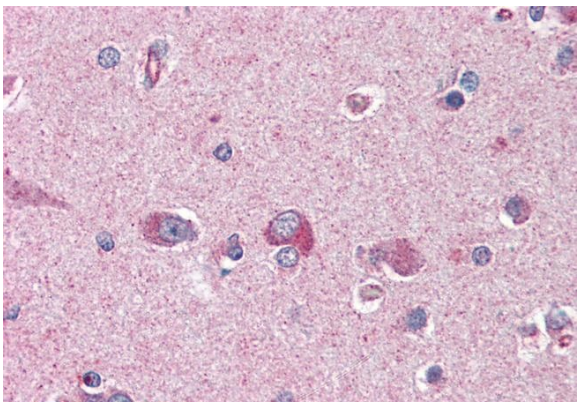
Database links	GeneID: 5048 Human GeneID: 83572 Rat Swiss-port # P43034 Human Swiss-port # P63004 Rat
Background	This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular Ib isoform of platelet-activating factor acteylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum. [provided by RefSeq, Apr 2009]
Research Area	Neuroscience antibody
Calculated Mw	47 kDa

Images



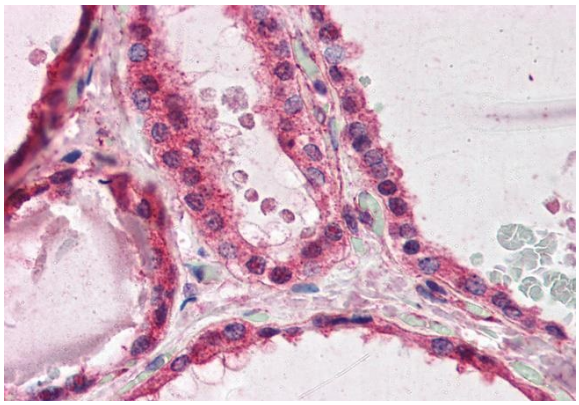
ARG63216 anti-LIS1 / PAFAH1B1 antibody WB image

Western Blot: Rat Ovary lysate (35 µg protein in RIPA buffer) stained with ARG63216 anti-LIS1 / PAFAH1B1 antibody at 0.1 µg/ml dilution.



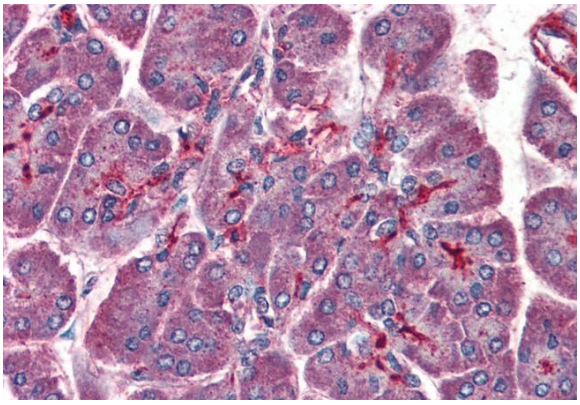
ARG63216 anti-LIS1 / PAFAH1B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63216 anti-LIS1 / PAFAH1B1 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG63216 anti-LIS1 / PAFAH1B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63216 anti-LIS1 / PAFAH1B1 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG63216 anti-LIS1 / PAFAH1B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human pancreas tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63216 anti-LIS1 / PAFAH1B1 antibody at 3.75 µg/ml dilution followed by AP-staining.