

ARG64056 anti-FLAP / ALOX5AP antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FLAP / ALOX5AP
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FLAP / ALOX5AP
Species	Human
Immunogen	C-HKVEHESRTQNGR
Conjugation	Un-conjugated
Alternate Names	MK-886-binding protein; FLAP; Arachidonate 5-lipoxygenase-activating protein

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.1 - 0.3 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 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.

Bioinformation

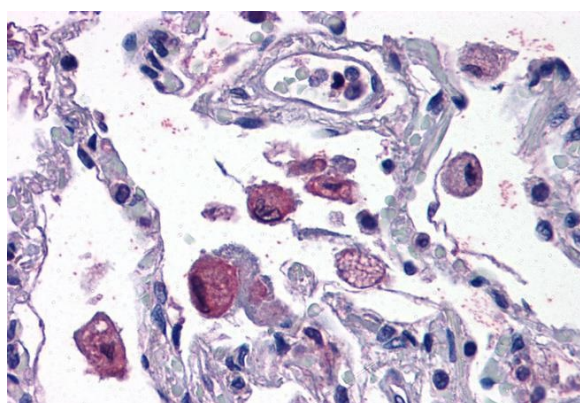
Database links	GeneID: 241 Human Swiss-port # P20292 Human
Background	This gene encodes a protein which, with 5-lipoxygenase, is required for leukotriene synthesis. Leukotrienes are arachidonic acid metabolites which have been implicated in various types of inflammatory responses, including asthma, arthritis and psoriasis. This protein localizes to the plasma membrane. Inhibitors of its function impede translocation of 5-lipoxygenase from the cytoplasm to the cell membrane and inhibit 5-lipoxygenase activation. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]
Research Area	Cell Biology and Cellular Response antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	18 kDa

Images



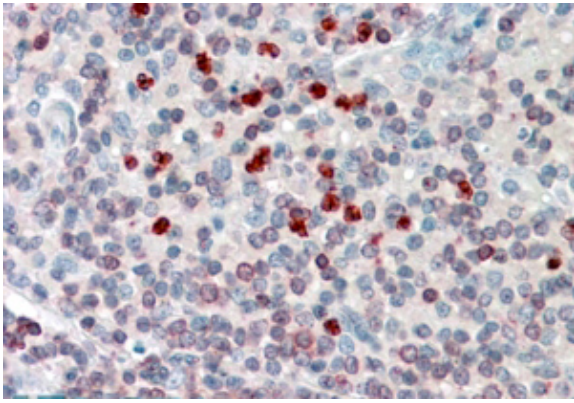
ARG64056 anti-FLAP / ALOX5AP antibody WB image

Western Blot: Human U937 cell lysate (35 µg protein in RIPA buffer) stained with ARG64056 anti-FLAP / ALOX5AP antibody at 0.1 µg/ml dilution.



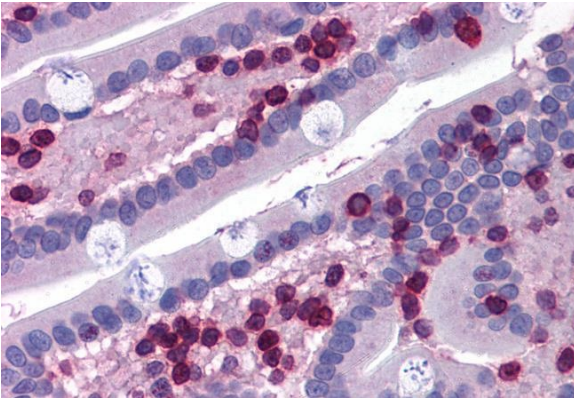
ARG64056 anti-FLAP / ALOX5AP antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64056 anti-FLAP / ALOX5AP antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64056 anti-FLAP / ALOX5AP antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64056 anti-FLAP / ALOX5AP antibody at 3.8 µg/ml dilution followed by AP-staining.



ARG64056 anti-FLAP / ALOX5AP 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 ARG64056 anti-FLAP / ALOX5AP antibody at 3.75 µg/ml dilution followed by AP-staining.