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FAM150A Rabbit pAb

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Catalog # AP58922

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6UXT8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14269
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM150A
Epitope Specificity	41-129/129
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (Potential)
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes an adaptor protein which functions in the epidermal growth factor (EGF) receptor-mediated signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011].

Additional Information

Gene ID	389658
Other Names	ALK and LTK ligand 1, Augmentor beta, AUG-beta, ALKL1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

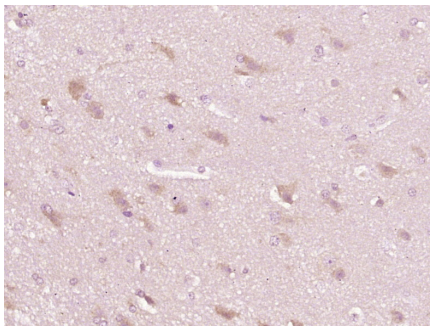
Name	ALKL1
Function	Cytokine that acts as a physiological ligand for receptor tyrosine kinase LTK, leading to its activation (PubMed:25331893, PubMed:26418745, PubMed:26630010, PubMed:34646012, PubMed:34819673). Monomeric

	ALKAL1 binds to LTK, leading to LTK homodimerization and activation (PubMed:34646012, PubMed:34819673). In contrast to ALKAL2, does not act as a potent physiological ligand for ALK (PubMed:26418745, PubMed:34646012).
Cellular Location	Secreted {ECO:0000250|UniProtKB:Q6UX46}. Cell membrane. Note=Following interaction with receptor tyrosine kinase LTK, associates with the cell membrane, membrane-binding is required to activate LTK {ECO:0000250|UniProtKB:Q6UX46}
Tissue Location	Widely expressed with highest levels in thyroid and moderate levels in stomach, trachea, small intestine, prostate and brain.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM150A) Polyclonal Antibody, Unconjugated (AP58922) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.