

FAM150A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58922

Specification

FAM150A Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6UXT8
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12 KDa
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)
SIMILARITY	Belongs to the FAM150 family.
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].

FAM150A Polyclonal Antibody - Additional Information

Gene ID 389658

Other Names

ALK and LTK ligand 1 {ECO:0000312|HGNC:HGNC:33775}, Augmentor beta, AUG-beta, Protein FAM150A, ALKAL1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=33775), FAM150A

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
E ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

FAM150A Polyclonal Antibody - 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 ALKL1 binds to LTK, leading to LTK homodimerization and activation (PubMed:34646012, PubMed:34819673). In contrast to ALKL2, 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}

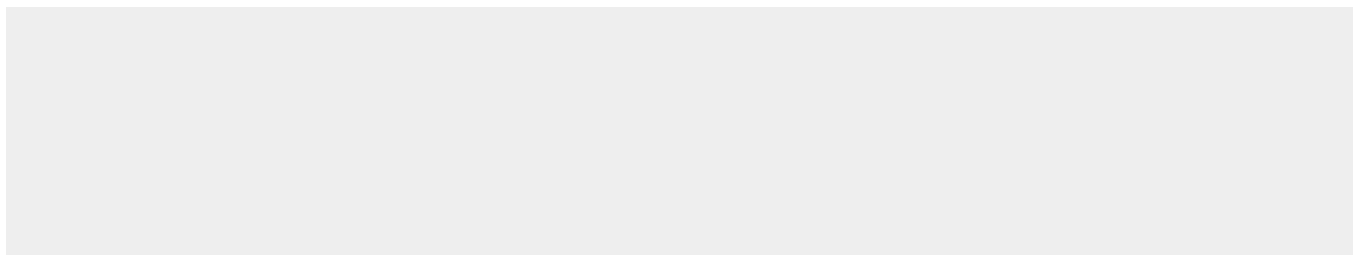
Tissue Location

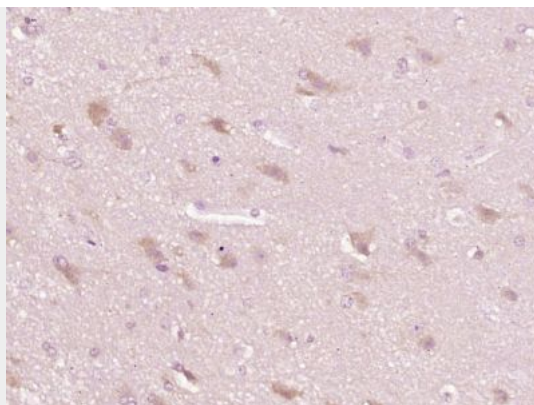
Widely expressed with highest levels in thyroid and moderate levels in stomach, trachea, small intestine, prostate and brain.

FAM150A Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FAM150A Polyclonal Antibody - 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 (bs-8219R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.