

JAML Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56603**Specification**

JAML Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86YT9
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44339

JAML Polyclonal Antibody - Additional Information**Gene ID** 120425**Other Names**

Junctional adhesion molecule-like {ECO:0000312|HGNC:HGNC:19084}, Adhesion molecule interacting with CXADR antigen 1, Dendritic cell-specific protein CREA7-1, JAML (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19084), AMICA1

Dilution

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

JAML Polyclonal Antibody - Protein Information**Name** JAML ([HGNC:19084](#))**Synonyms** AMICA1**Function**

Transmembrane protein of the plasma membrane of leukocytes that control their migration and activation through interaction with CXADR, a plasma membrane receptor found on adjacent epithelial and endothelial cells. The interaction between both receptors mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, JAML induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and

production of cytokines and growth factors by T- cells that in turn stimulate epithelial tissues repair. It also controls the transmigration of leukocytes within epithelial and endothelial tissues through adhesive interactions with epithelial and endothelial CXADR.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction. Note=Localized at the plasma membrane and enriched in areas of cell-cell contacts (PubMed:12869515)

Tissue Location

Expression is restricted to the hematopoietic tissues with the exception of liver. Expressed in fetal liver, spleen and thymus. Preferentially expressed by mature leukocytes (at protein level).

JAML 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](#)

JAML Polyclonal Antibody - Images