

Rabbit anti-Mouse RELM alpha Polyclonal Antibody | anti-RETNLA antibody

Anti-RELM alpha Antibody

CATALOG # AAA72766	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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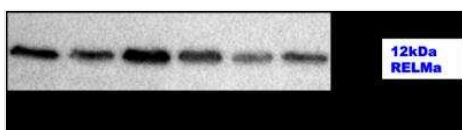
PRODUCT SYNONYMS

RELM alpha; Polyclonal Antibody; Anti-RELM alpha Antibody; RETNLA; Cysteine-rich secreted protein A12-gamma; FIZZ1; Resistin like alpha; Parasite-induced macrophage novel gene 1 protein; anti-RETNLA antibody

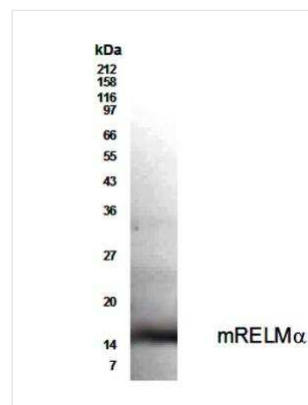
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with the N-terminal region of mouse RELM alpha protein
Form/Format	Liquid; Antigen Affinity Purified; PBS + 0.02% NaN ₃
Applicable Applications for anti-RETNLA antibody	WB (Western Blot)
Immunogen Species	Mouse
Immunogen	Synthetic peptide corresponding to amino acids from the N-terminal region of mouse RELM alpha protein
Country of Origin	United States
Preparation and Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year. After date of receipt, stable for at least 1 year at -20 degree C.

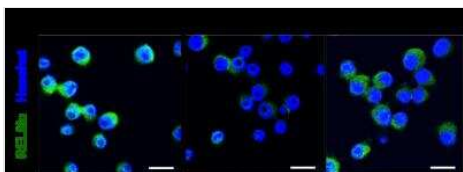
IMAGES


WB (Western Blot)

Western Blot of mouse BV2 cell lysate showing specific immunolabeling of RELM alpha.


WB (Western Blot)

Western Blot of transfected 293T cells showing specific immunolabeling of RELM alpha.



ICC (Immunocytochemistry)

Immunocytochemistry of mouse BV2 microglia cells treated with DMSO, DMSO+lipopolysaccharide, DMSO+SP600125 (a JNK inhibitor), showing specific staining of RELM alpha in green and nuclear staining in blue.

ADDITIONAL INFORMATION

Related Product Information for anti-RETNLA antibody	RELM alpha rabbit polyclonal primary antibody from the lab is produced in-house. It detects mouse RELM alpha and is antigen affinity purified. It is great for use in WB. A family of resistin-like molecules (RELMs) has been identified in rodents and humans. Resistin is a hormone produced by fat cells. RELMalpha is a secreted protein that has a restricted tissue distribution with highest levels in adipose tissue. Another family member, RELMbeta, is a secreted protein expressed only in the gastrointestinal tract, particularly the colon, in both mouse and human. RELMbeta gene expression is highest in proliferative epithelial cells and is markedly increased in tumors, suggesting a role in intestinal proliferation. Resistin and the RELMs share a cysteine composition and other signature features. Thus, the RELMs together with resistin comprise a class of tissue-specific signaling molecules.
Product Categories/Family for anti-RETNLA antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	103472022
NCBI GeneID	57262
NCBI Accession #	NP_065255.2
NCBI GenBank Nucleotide #	NM_020509.3
UniProt Accession #	Q9EP95; Q9D8Y4
Molecular Weight	11,936 Da
NCBI Official Full Name	resistin-like alpha
NCBI Official Synonym Full Names	resistin like alpha
NCBI Official Symbol	Retnla
NCBI Official Synonym Symbols	HIMF; Xcp2; Fizz1; RELMa; Fizz-1; RELMalpha; RELM-alpha; 1810019L16Rik
NCBI Protein Information	resistin-like alpha; cysteine-rich secreted protein A12-gamma; cysteine-rich secreted protein FIZZ1; found in inflammatory zone 1; hypoxia-induced mitogenic factor; parasite-induced macrophage novel gene 1 protein
UniProt Protein Name	Resistin-like alpha
UniProt Gene Name	Retnla
UniProt Synonym Gene Names	Fizz1; Himf; Pmng1
UniProt Entry Name	RETNA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/reln-alpha-antibody-western-blot-elisa/72766>