

Rabbit anti-Human, Mouse CHIA Polyclonal Antibody | anti-CHIA antibody

CHIA Antibody

CATALOG # AAA231414	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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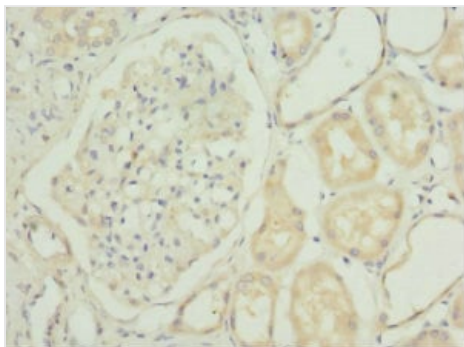
PRODUCT SYNONYMS

CHIA; Polyclonal Antibody; CHIA Antibody; Acidic mammalian chitinase; AMCase; Lung-specific protein TSA1902; anti-CHIA antibody

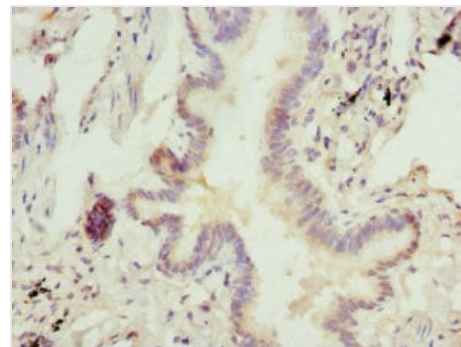
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	315
Applicable Applications for anti-CHIA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Acidic mammalian chitinase protein (1-368AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49356 / sc-49357 / sc-99060
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

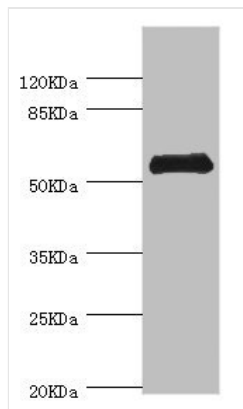
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231414 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA231414 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: CHIA antibody at 0.74ug/ml+mouse stomach tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,41,34 kDaObserved band size: 52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHIA antibody	Degrades chitin and chitotriose. May participate in the defense against nematodes, fungi and other pathogens. Plays a role in T-helper cell type 2 (Th2) immune response. Contributes to the response to IL-13 and inflammation in response to IL-13. Stimulates chemokine production by pulmonary epithelial cells. Protects lung epithelial cells against apoptosis and promotes phosphorylation of AKT1. Its function in the inflammatory response and in protecting cells against apoptosis is inhibited by allosamidin, suggesting that the function of this protein depends on carbohydrate binding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	95147544
NCBI GeneID	27159
NCBI Accession #	NP_001035713.1
NCBI GenBank Nucleotide #	NM_001040623.2
UniProt Accession #	Q9BZP6; Q32W79; Q32W80; Q3B866; Q5U5Z5; Q5VUV4; Q86UD8; Q9ULY3; Q9ULY4
Molecular Weight	33,906 Da
NCBI Official Full Name	acidic mammalian chitinase isoform b
NCBI Official Synonym Full Names	chitinase, acidic
NCBI Official Symbol	CHIA
NCBI Official Synonym Symbols	CHIT2; AMCASE; TSA1902
NCBI Protein Information	acidic mammalian chitinase
UniProt Protein Name	Acidic mammalian chitinase
UniProt Gene Name	CHIA
UniProt Synonym Gene Names	AMCase
UniProt Entry Name	CHIA_HUMAN

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.