

Rabbit CHIA Polyclonal Antibody | anti-CHIA antibody

CHIA Polyclonal Antibody

CATALOG # AAA280261	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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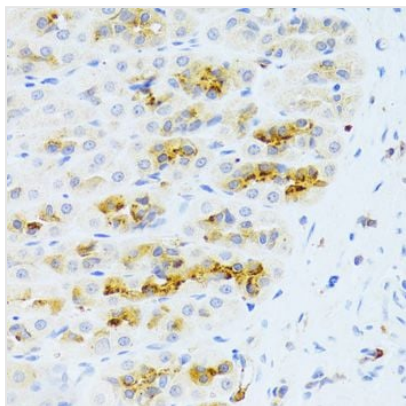
PRODUCT SYNONYMS

CHIA; Polyclonal Antibody; CHIA Polyclonal Antibody; CHIT2; AMCASE; TSA1902; anti-CHIA antibody

PRODUCT SPECIFICATIONS

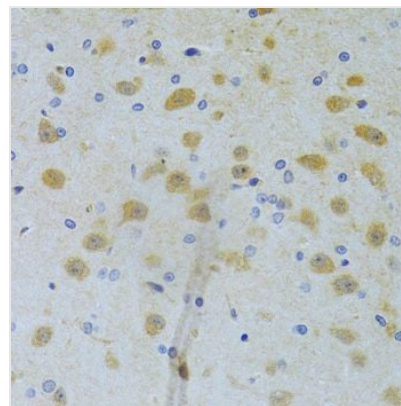
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-CHIA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CHIA
Calculated Molecular Weight	52kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



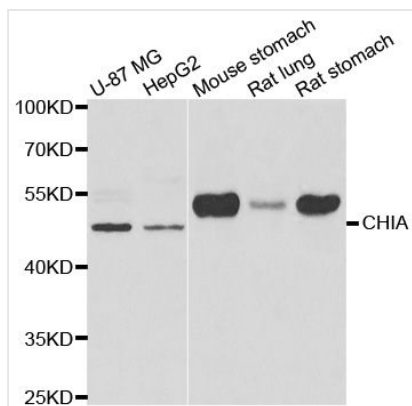
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat stomach using CHIA Antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat brain using CHIA Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CHIA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CHIA antibody	The protein encoded by this gene degrades chitin, which is found in the cell wall of most fungi as well as in arthropods and some nematodes. The encoded protein can also stimulate interleukin 13 expression, and variations in this gene can lead to asthma susceptibility. Several transcript variants encoding a few different isoforms have been found for this gene.
Product Categories/Family for anti-CHIA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	37999771
NCBI GeneID	27159
UniProt Accession #	Q9BZP6; Q32W79; Q32W80; Q3B866; Q5U5Z5; Q5VUV4; Q86UD8; Q9JULY3; Q9JULY4
Molecular Weight	476
NCBI Official Full Name	Acidic mammalian chitinase
NCBI Official Synonym Full Names	chitinase, acidic
NCBI Official Symbol	CHIA
NCBI Official Synonym Symbols	CHIT2; AMCASE; TSA1902
NCBI Protein Information	acidic mammalian chitinase; lung-specific protein TSA1902
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/chia-antibody-immunohistochemistry-western-blot-elisa/280261>