

Rabbit anti-Human, Mouse CHIT1 Polyclonal Antibody | anti-CHIT1 antibody

CHIT1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313798	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

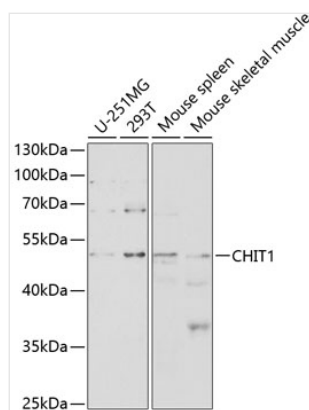
PRODUCT SYNONYMS

CHIT1; Polyclonal Antibody; CHIT1 Rabbit Polyclonal Antibody; CHI3; CHIT; CHITD; anti-CHIT1 antibody

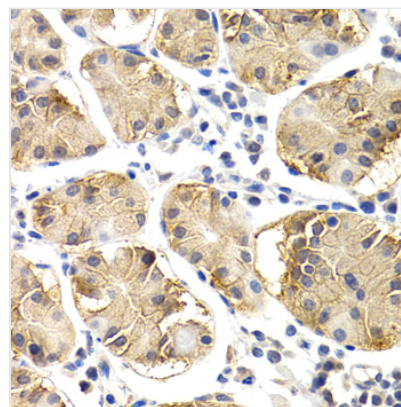
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CHIT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CHIT1 (NP_003456.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CHIT1 at 1:1000 dilution.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human normal stomach using CHIT1 at dilution of 1:200 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CHIT1 antibody

Chitotriosidase is secreted by activated human macrophages and is markedly elevated in plasma of Gaucher disease patients. The expression of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macrophages can synthesize a functional chitotriosidase, a highly conserved enzyme with a strongly regulated expression. This enzyme may play a role in the degradation of chitin-containing pathogens. Several alternatively spliced transcript variants have been described for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37999493
NCBI GeneID	1118
UniProt Accession #	Q13231; Q0VGG5; Q0VGG6; Q3ZAR1; Q6ISC2; Q9H3V8; Q9UDJ8; B3KNW6; J3KN09
Molecular Weight	466
NCBI Official Full Name	Chitotriosidase-1
NCBI Official Synonym Full Names	chitinase 1 (chitotriosidase)
NCBI Official Symbol	CHIT1
NCBI Official Synonym Symbols	CHI3; CHIT; CHITD
NCBI Protein Information	chitotriosidase-1; plasma methylumbelliferyl tetra-N-acetylchitotetraoside hydrolase
UniProt Protein Name	Chitotriosidase-1
UniProt Gene Name	CHIT1
UniProt Entry Name	CHIT1_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://stage.aaabiotech.com/polyclonal/chit1-antibody-immunohistochemistry-western-blot-elisa/313798>