

Rabbit anti-Mouse, Pig Chitinase 1 Polyclonal Antibody | anti-CHIT1 antibody

Chitinase 1 (CHIT1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145017	Rabbit	Mouse, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

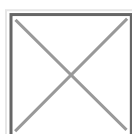
PRODUCT SYNONYMS

Chitinase 1; Polyclonal Antibody; Chitinase 1 (CHIT1) Polyclonal Antibody; CHI3; Chitotriosidase; anti-CHIT1 antibody

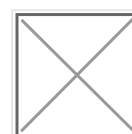
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CHIT1. It has been selected for its ability to recognize CHIT1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHIT1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	CHIT1 (Met210~Ser464)
Quality Control	Content: The quality control contains recombinant CHIT1 (Met210~Ser464) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant CHIT1, Mouse.

NCBI AND UNIPROT INFORMATION

NCBI GI #	548961918
NCBI GeneID	71884
NCBI Accession #	NP_001271453.1
NCBI GenBank Nucleotide #	NM_001284524.1
UniProt Accession #	Q9D7Q1; Q6QJD2
Molecular Weight	43,413 Da
NCBI Official Full Name	chitotriosidase-1 isoform 2
NCBI Official Synonym Full Names	chitinase 1 (chitotriosidase)
NCBI Official Symbol	Chit1
NCBI Official Synonym Symbols	2300002L19Rik
NCBI Protein Information	chitotriosidase-1
UniProt Protein Name	Chitotriosidase-1
UniProt Gene Name	Chit1

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/chitinase-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145017>