

Rabbit ENASE Polyclonal Antibody | anti-ENGASE antibody

ENASE Antibody (Center)

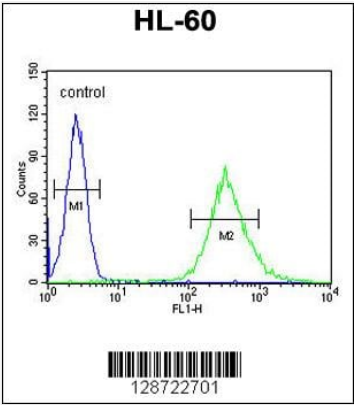
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289948	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

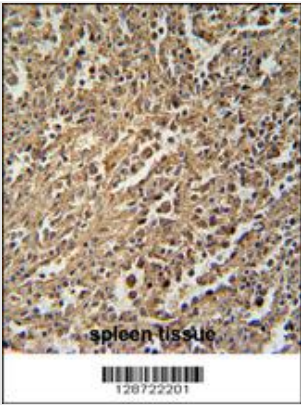
ENASE; Polyclonal Antibody; ENASE Antibody (Center); Cytosolic endo-beta-N-acetylglucosaminidase; ENGase; ENGASE; anti-ENGASE antibody

PRODUCT SPECIFICATIONS

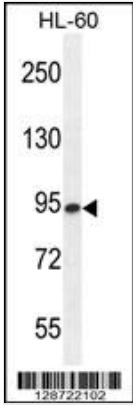
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENASE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-354 amino acids from the Central region of human ENASE.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	326-354
Sequence Length	406
Applicable Applications for anti-ENGASE antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Primary Accession	8NFI3
Other Accession	Q8BX80, NP_001036038.1
Antigen Source	HUMAN
Function	Endoglycosidase that releases N-glycans from glycoproteins by cleaving the beta-1,4-glycosidic bond in the N,N'-diacetylchitobiose core. Involved in the processing of free oligosaccharides in the cytosol.
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Widely expressed. Expressed at higher level in thymus and spleen.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ENASE Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
ENASE Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ENASE Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ENASE Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ENASE antibody detected the ENASE protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ENGASE antibody	Endo-beta-N-acetylglucosaminidase (ENGase; EC 3.2.1.96) is involved in the processing of free oligosaccharides in the cytosol.
Product Categories/Family for anti-ENGASE antibody	Metabolism; Signal Transduction
References	Park, K., et al. Diabetes 59(7):1845-1850(2010) Dorfmueller, H.C., et al. FEBS Lett. 584(4):694-700(2010) Chantret, I., et al. PLoS ONE 5 (7), E11734 (2010) : Butkinaree, C., et al. J. Biol. Chem. 283(35):23557-23566(2008) Ortutay, Z., et al. Arthritis Rheum. 48(8):2163-2172(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431350
NCBI GeneID	64772
NCBI Accession #	NP_001036038.1
NCBI GenBank Nucleotide #	NM_001042573.2

UniProt Accession #	Q8NFI3; Q659F0; Q8TB86; Q9H6U4
Molecular Weight	83987
NCBI Official Full Name	cytosolic endo-beta-N-acetylglucosaminidase
NCBI Official Synonym Full Names	endo-beta-N-acetylglucosaminidase
NCBI Official Symbol	ENGASE
NCBI Protein Information	cytosolic endo-beta-N-acetylglucosaminidase
UniProt Protein Name	Cytosolic endo-beta-N-acetylglucosaminidase
UniProt Gene Name	ENGASE
UniProt Synonym Gene Names	ENGase
UniProt Entry Name	ENASE_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/enase-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289948>