

ENASE Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5630**Specification**

ENASE Antibody (Center) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	Q8NFI3
Other Accession	Q8BX80
Reactivity	Human, Mouse
Predicted	Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=84,43;M=83 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

ENASE Antibody (Center) - Additional Information**Gene ID** 64772**Antigen Region**
326-354**Other Names**

Cytosolic endo-beta-N-acetylglucosaminidase, ENGase, ENGASE

Dilution

FC~~1:10~50

IHC-P~~1:50~100

WB~~0.25

Target/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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ENASE Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ENASE Antibody (Center) - Protein Information**Name** ENGASE

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.

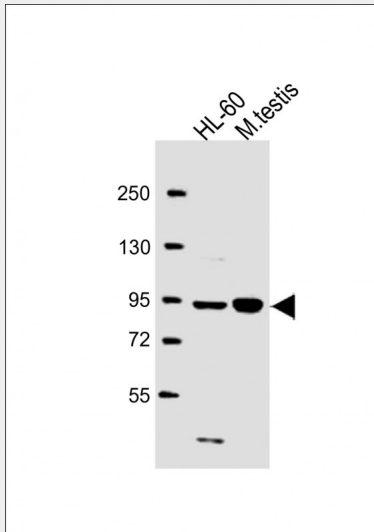
Tissue Location

Widely expressed. Expressed at higher level in thymus and spleen.

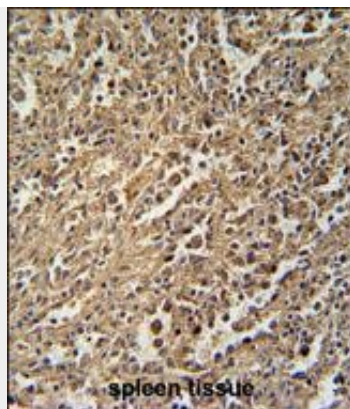
ENASE Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

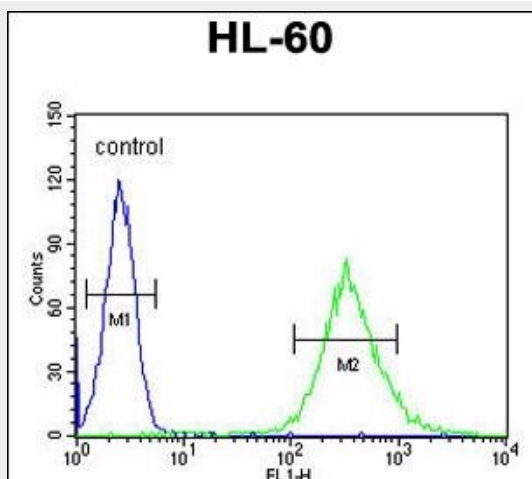
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ENASE Antibody (Center) - Images

All lanes : Anti-ENASE Antibody (Center) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 84 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



ENASE Antibody (Center) (Cat. #AW5630) 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.



ENASE Antibody (Center) (Cat. #AW5630) 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.

ENASE Antibody (Center) - Background

Endo-beta-N-acetylglucosaminidase (ENGase; EC 3.2.1.96) is involved in the processing of free oligosaccharides in the cytosol.

ENASE Antibody (Center) - References

- Park, K., et al. Diabetes 59(7):1845-1850(2010)
- Dorfmüller, 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)