10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

ENASE Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5630

Specification

ENASE Antibody (Center) - Product Information

Application	**WB, IHC-P, FC,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
WB~~0.25
IHC-P~~1:50~100
FC~~1:10~50

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

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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.

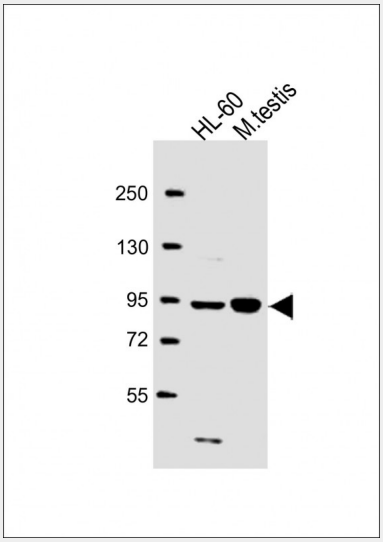
Tissue Location
Widely expressed. Expressed at higher level in thymus and spleen.

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 Cytomety
- 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.

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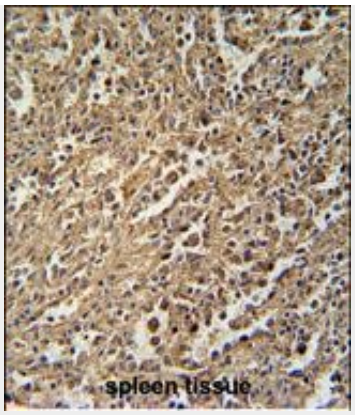
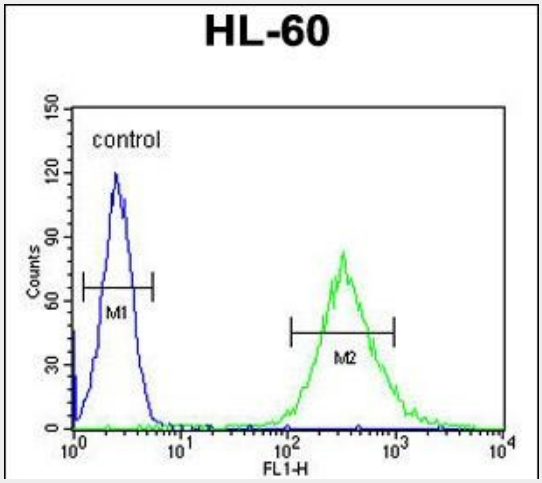


ENASE Antibody (Center) (Cat. #AW5630) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ENASE Antibody (Center) for immunohistochemistry. Clinical 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)
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)
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