

**ENASE Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11055c**

**Specification**

---

**ENASE Antibody (Center) - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB, IHC-P, FC,E   |
| Primary Accession | <a href="#">Q8NFI3</a>                                  |
| Other Accession   | <a href="#">Q8BX80</a> , <a href="#">NP_001036038.1</a> |
| Reactivity        | Human   |
| Predicted         | Mouse   |
| Host              | Rabbit  |
| Clonality         | Polyclonal  |
| Isotype           | Rabbit IgG  |
| Calculated MW     | 83987   |
| Antigen Region    | 326-354   |

**ENASE Antibody (Center) - Additional Information**

**Gene ID** 64772

**Other Names**

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

**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.

**Dilution**

WB~~1:2000  
IHC-P~~1:50~100  
FC~~1:10~50

**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.

**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.

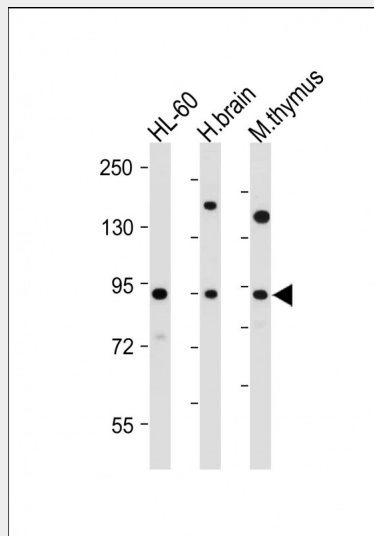
**Tissue Location**  
Widely expressed. Expressed at higher level in thymus and spleen.

### ENASE Antibody (Center) - Protocols

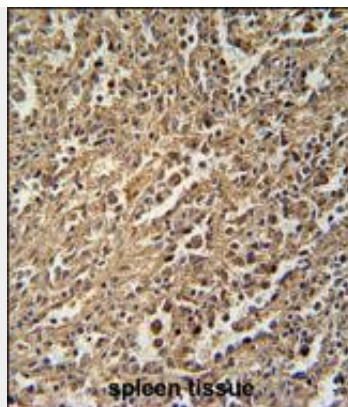
Provided below are standard protocols that you may find useful for product applications.

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

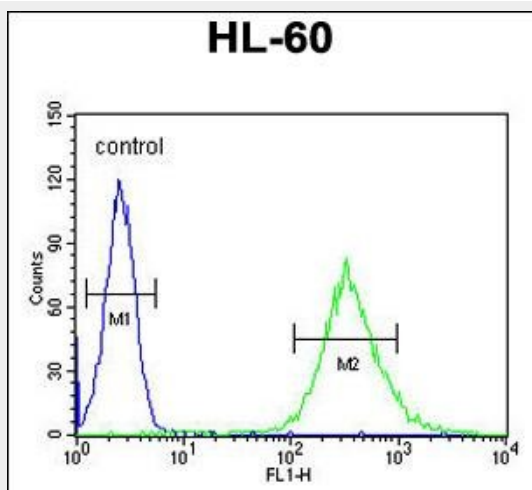
### ENASE Antibody (Center) - Images



All lanes : Anti-ENASE Antibody (Center) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: human brain tissue lysate Lane 3: mouse thymus tissue 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% NFD/MTBST.



ENASE Antibody (Center) (Cat. #AP11055c) 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. #AP11055c) 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)
- Ortutay, Z., et al. Arthritis Rheum. 48(8):2163-2172(2003)