

Cathepsin E Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51131

Specification

Cathepsin E Antibody - Product Information

Application	WB, IP, IHC-P, E
Primary Accession	P14091
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa

Cathepsin E Antibody - Additional Information

Gene ID 1510

Other Names

Cathepsin E, Cathepsin E form I, Cathepsin E form II, CTSE

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Cathepsin E Antibody - Protein Information

Name CTSE

Function

May have a role in immune function. Probably involved in the processing of antigenic peptides during MHC class II-mediated antigen presentation. May play a role in activation-induced lymphocyte depletion in the thymus, and in neuronal degeneration and glial cell activation in the brain.

Cellular Location

Endosome. Note=The proenzyme is localized to the endoplasmic reticulum and Golgi apparatus, while the mature enzyme is localized to the endosome

Tissue Location

Expressed abundantly in the stomach, the Clara cells of the lung and activated B-lymphocytes, and at lower levels in lymph nodes, skin and spleen. Not expressed in resting B-lymphocytes

Cathepsin E Antibody - 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](#)

Cathepsin E Antibody - Images

Cathepsin E Antibody - Background

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Cathepsin E Antibody - References

Azuma T., et al. J. Biol. Chem. 264:16748-16753(1989).
Azuma T., et al. J. Biol. Chem. 267:1609-1614(1992).
Finley E.M., et al. J. Biol. Chem. 269:31259-31266(1994).
Tatnell P.J., et al. Biochim. Biophys. Acta 1625:203-206(2003).
Ota T., et al. Nat. Genet. 36:40-45(2004).