

ECE2 rabbit pAb

Cat#: orb773989 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	ECE2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ECE2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Endothelin-converting enzyme 2 (ECE-2) [Includes: Methyltransferase-like region (EC 2.1.1.-); Endothelin-converting enzyme 2 region (EC 3.4.24.71)]
Gene Name	ECE2 KIAA0604 UNQ403/PRO740
Cellular localization	Golgi membrane,integral component of membrane,cytoplasmic vesicle membrane,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration 1 mg/ml

Observed band 97kD

Human Gene ID 9718

Human Swiss-Prot Number O60344

Alternative Names

Background

This gene encodes a member of the M13 family, which includes type 2 integral membrane metalloproteinases. The encoded enzyme is a membrane-bound zinc-dependent metalloprotease. The enzyme catalyzes the cleavage of big endothelin to produce the vasoconstrictor endothelin-1, and plays a role in the processing of several neuroendocrine peptides. It may also have methyltransferase activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],