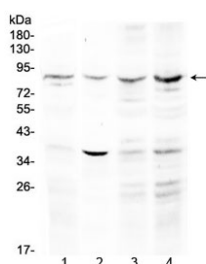


ECE1 Antibody (R32724)

Catalog No.	Formulation	Size
R32724	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P42892
Applications	Western Blot : 0.5-1ug/ml
Limitations	This ECE1 antibody is available for research use only.



Western blot testing of 1) rat liver, 2) mouse heart, 3) mouse testis and 4) human HeLa lysate with ECE1 antibody at 0.5ug/ml. Predicted molecular weight ~87 kDa.

Description

Endothelin converting enzyme 1, also known as ECE1, is an enzyme which in humans is encoded by the ECE1 gene. The protein encoded by this gene is involved in proteolytic processing of endothelin precursors to biologically active peptides. Mutations in this gene are associated with Hirschsprung disease, cardiac defects and autonomic dysfunction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Application Notes

Optimal dilution of the ECE1 antibody should be determined by the researcher.

Immunogen

Amino acids M18-T233 from the human protein were used as the immunogen for the ECE1 antibody.

Storage

After reconstitution, the ECE1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.