
Product Name: CD249 Rabbit Polyclonal Antibody**Catalog #: APRab08308**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	110kDa

Antigen Information

Gene Name	ENPEP
Alternative Names	ENPEP; Glutamyl aminopeptidase; EAP; Aminopeptidase A; AP-A; Differentiation antigen gp160; CD249
Gene ID	2028.0
SwissProt ID	Q07075
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human ENPEP. AA range:671-720

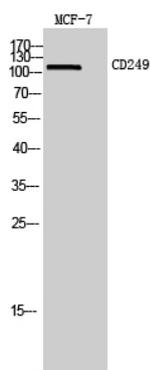
Background

catalytic activity:Release of N-terminal glutamate (and to a lesser extent aspartate) from a peptide.,cofactor:Binds 1 zinc ion per subunit.,function:Appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells.,similarity:Belongs to the peptidase M1 family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a variety of other tissues.,catalytic activity:Release of N-terminal glutamate (and to a lesser extent aspartate) from a peptide.,cofactor:Binds 1 zinc ion per subunit.,function:Appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells.,similarity:Belongs to the peptidase M1 family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a variety of other tissues.,

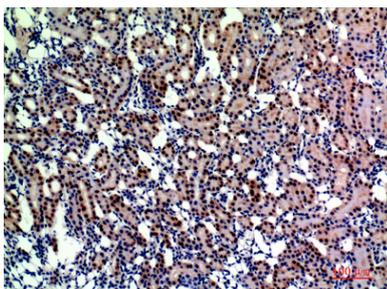
Research Area

Renin-angiotensin system;

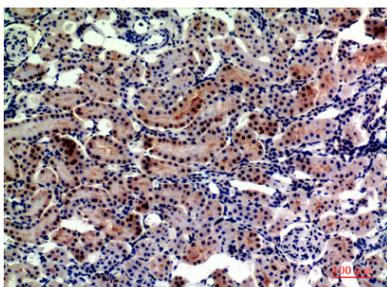
Image Data



Western Blot analysis of MCF7 cells using CD249 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded rat-kidney, antibody was diluted at 1:200