Anti-CD13 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105083

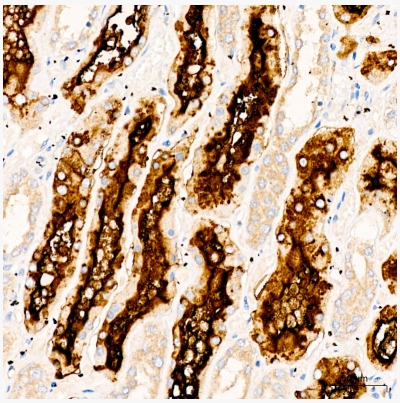
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 69-966 of mouse CD13. (NP_032512.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD13 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

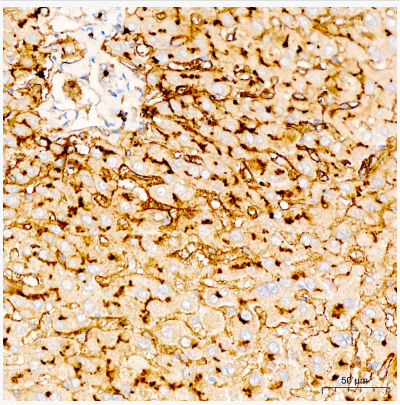
Protein Information

Synonyms	Apn; AP-M; AP-N; Cd13; P150; CD13.
Calculated MW	Calculated MW: 109 kDa; Observed MW: 160 kDa
Uniprot ID	P97449
Gene ID	16790
Background	Predicted to enable metalloaminopeptidase activity; peptide binding activity; and zinc ion binding activity. Predicted to be involved in several processes, including negative regulation of renal sodium excretion; peptide catabolic process; and proteolysis. Predicted to act upstream of or within angiogenesis and cell differentiation. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; brain; metanephros; reproductive system; and sensory organ. Orthologous to human ANPEP (alanyl aminopeptidase, membrane).

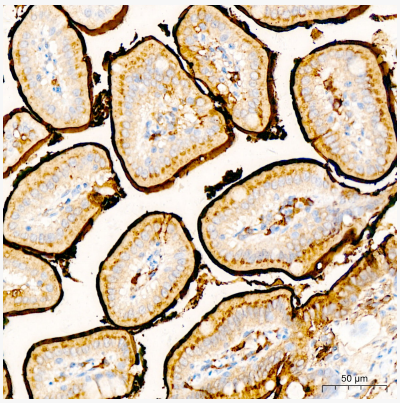
Validation Images



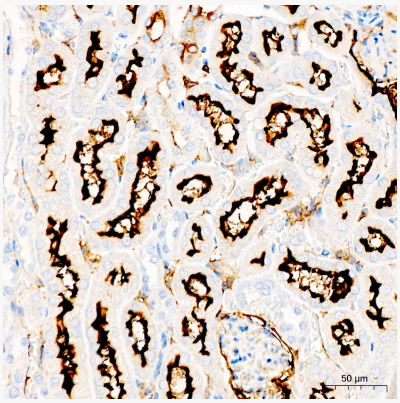
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using CD13 Rabbit pAb (P105083) at a dilution of 1:900 (40× lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



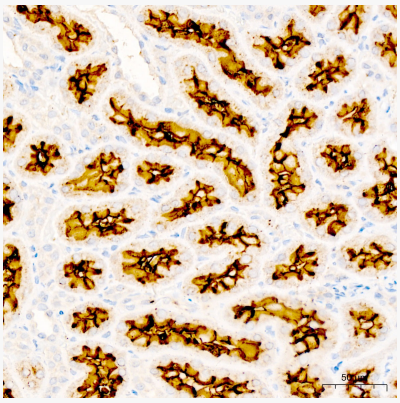
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using CD13 Rabbit pAb (P105083) at a dilution of 1:900 (40× lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



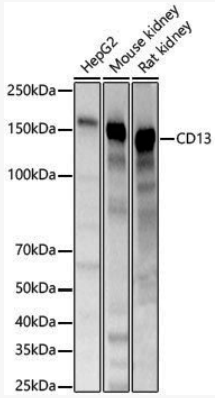
Immunohistochemistry analysis of paraffin-embedded Mouse Intestine tissue using CD13 Rabbit pAb (P105083) at a dilution of 1:900 (40× lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using CD13 Rabbit pAb (P105083) at a dilution of 1:900 (40× lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using CD13 Rabbit pAb (P105083) at a dilution of 1:900 (40× lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Western blot analysis of various lysates, using CD13 Rabbit pAb (P105083) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.