SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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[Primary Antibody]

Rabbit Anti-Carboxypeptidase H antibody

Catalog Number: SL6478R

FOR RESEARCH USE ONLY

[DATASHEET]

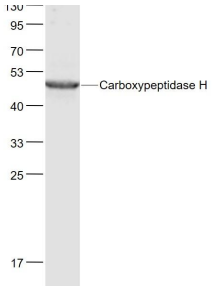
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Carboxypeptidase H
Immunogen:	KLH conjugated synthetic peptide derived from human Carboxypeptidase E: 201-300/476
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Predicted MW.:	48kDa
Subcellular Location:	The nucleus cytoplasmic The cell membrane Secretory protein
Background:	Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin. **Subcellular Location:** Isoform 1: Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Secreted. Note=Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. soform 2: Nucleus. **Tissue Specificity:** Isoform 2, but not isoform 1, is overexpressed in hepatocellular carcinoma (at protein level), as well as in other tumors, including pheochromocytomas and paragangliomas. **Similarity:** Belongs to the peptidase M14 family. **Database links:** **Entrez Gene:** 1363 Human **Entrez Gene:** 12876 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 25669 Rat Omim: 114855 Human **SwissProt:** P04836 Cow **SwissProt:** P16870 Human **SwissProt:** Q00493 Mouse **SwissProt:** P15087 Rat **Unigene:** 75360 Human **Unigene:** 31395 Mouse **Unigene:** 470333 Mouse **Unigene:** 7149 Rat

[VALIDATION IMAGES]



Sample:
Cerebrum (Rat) Lysate at 40 ug
Primary: Anti- Carboxypeptidase H (SL6478R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kD
Observed band size: 48 kD

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