

Rabbit Anti-Carboxypeptidase B1 antibody

SL6036R

Product Name	Carboxypeptidase B1
Chinese Name	胰羧肽酶 B1 抗体
Alias	Carboxypeptidase B1; CarboxypeptidaseB; CarboxypeptidaseB1; CP B1; CPB 1; CPB; CPB1; DKFZp779K1333; Pancreas specific protein; Pancreatic carboxypeptidase B1; PASP; PCPB; Procarboxypeptidase B pancreatic; CBPB1_HUMAN.
Research Area	Cell biology immunology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Pig,Horse,Rabbit) WB=1:500-2000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	47kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Carboxypeptidase B1: 251-350/417
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Carboxypeptidase catalyzes the hydrolysis of the basic amino acids lysine,

arginine and ornithine from the C terminal position in polypeptides. It occurs as a zymogen in the pancreas in most vertebrates.

Subcellular Location:

Secreted.

Tissue Specificity:

Pancreas.

Similarity:

Belongs to the peptidase M14 family.

SWISS:

P15086

Gene ID:

1360

Database links:

[Entrez Gene: 1360](#) Human

[Entrez Gene: 403512](#) Dog

[Entrez Gene: 397341](#) Pig

[Omim: 114852](#) Human

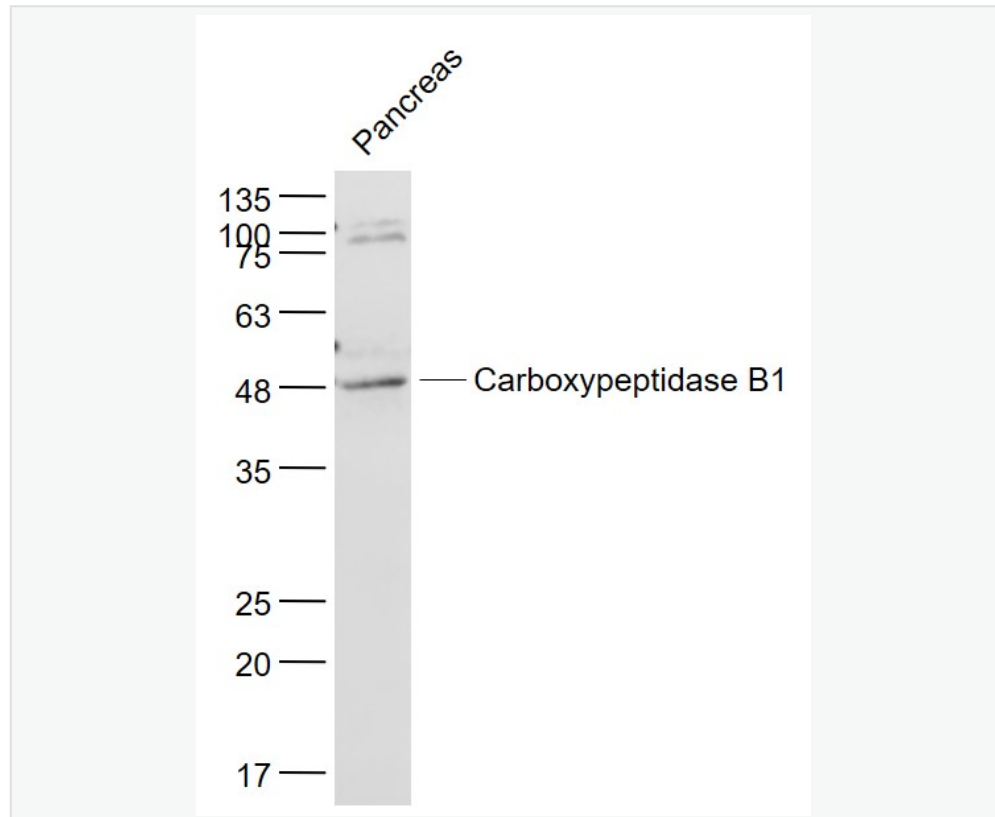
[SwissProt: P55261](#) Dog

[SwissProt: P15086](#) Human

[SwissProt: P09955](#) Pig

[Unigene: 477891](#) Human

Product Picture



Sample:

Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- Carboxypeptidase B1 (SL6036R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 48 kD