

Anti-Carboxypeptidase D Antibody

Catalog # AP53805

Product Information

Application	WB
Primary Accession	O75976
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	152931

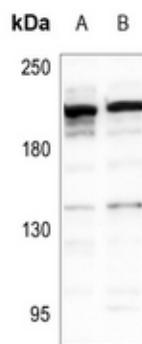
Additional Information

Gene ID	1362
Other Names	Carboxypeptidase D; Metallo-carboxypeptidase D; gp180
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Carboxypeptidase D. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CPD
Function	Functions in the processing of proteins and peptides in the secretory pathway. Mechanistically, cleaves exclusively C-terminal basic residues. By removing terminal residues, can modulate the activity, stability, and receptor-binding properties of bioactive peptides.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q90240}; Single-pass type I membrane protein
Tissue Location	Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines

Images



Western blot analysis of Carboxypeptidase D expression in U87MG (A), SGC7901 (B) whole cell lysates. (Predicted band size: 152 kD; Observed band size: 200 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.