



CNDP2 Monoclonal Antibody

Catalog No	YP-mAb-05505
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CNDP2 CN2 CPGL PEPA
Protein Name	Cytosolic non-specific dipeptidase (EC 3.4.13.18) (CNDP dipeptidase 2) (Glutamate carboxypeptidase-like protein 1) (Peptidase A)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNDP2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	52kD
Cell Pathway	Cytoplasm .
Tissue Specificity	[Isoform 1]: Ubiquitously expressed with higher levels in kidney and liver (at protein level). Expressed in peripheral blood leukocytes (PubMed:12473676). Expressed in gastric mucosa and down-regulated in gastric cancer mucosal tissues (at protein level) (PubMed:24395568). ; [Isoform 2]: Broadly expressed in fetal tissues. Expressed in adult liver and placenta.
Function	cofactor: Binds 2 zinc ions per subunit.,similarity: Belongs to the peptidase M20A family.,
Background	CNDP dipeptidase 2 (metallopeptidase M20 family)(CNDP2) Homo sapiens CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images