

CNDP2 monoclonal antibody (M10), clone 1A6

Catalog # H00055748-M10

Size 100 ug

Applications



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CNDP2.
Immunogen	CNDP2 (NP_060705, 191 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VCISDNYNWLGKKKPCITYGLRGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGSLVDKRGNI LIPGINEAVAAVTEEEHKLYDDIDFDIEEFAKDVGAQILLHSH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CNDP2

Entrez GeneID	55748
GeneBank Accession#	NM_018235
Protein Accession#	NP_060705
Gene Name	CNDP2
Gene Alias	CN2, CPGL, FLJ10830, HsT2298, PEPA
Gene Description	CNDP dipeptidase 2 (metallopeptidase M20 family)
Omim ID	169800
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CNDP dipeptidase 2 cytosolic nonspecific dipeptidase peptidase A

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)