

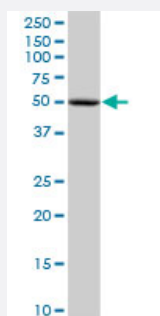
MaxPab®

CNDP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055748-B01P

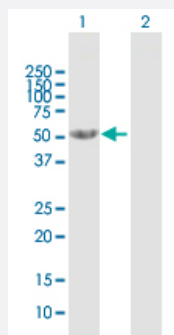
Size 50 ug

Applications



Western Blot (Tissue lysate)

CNDP2 MaxPab polyclonal antibody. Western Blot analysis of CNDP2 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of CNDP2 expression in transfected 293T cell line ([H00055748-T01](#)) by CNDP2 MaxPab polyclonal antibody.

Lane 1: CNDP2 transfected lysate(52.25 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CNDP2 protein.

Immunogen

CNDP2 (AAH01375.1, 1 a.a. ~ 475 a.a) full-length human protein.

Sequence

MAALTTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADV KQLGGSVELVDIGK
QKLPGDSEIPLPPIILLGRLGSDPQKKTVCIYGHLDVQPAALEDGWDSEPF TLVERDGKLYGRGST
DDKGPVAGWINALEAYQKTGQEI PVNVRF CLEGMEESGSEGLDELIFARKDTFFKDV DYVCISDN
YWLGKKKPCITYGLRGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGSLVDKRGNILIPGINE
AVAAVTEEEHKL YDDIDFDIEEFAKDVGAQILLHSHK KDILMHRWRYP SLH HGIEGAFSGSGAKTV
IPRKVVGKFSIRLVPNMTPEVVGEQVTSYLTKKFAELRSPNEFKVYMGHGKPPWVSDFSHPHYLA
GRRAMKTVFGVEPDLTREGGSI PVTLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRYNYIEGTK
MLAAYLYEVSQ LKD

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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 (Tissue lysate)

CNDP2 MaxPab polyclonal antibody. Western Blot analysis of CNDP2 expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CNDP2 expression in transfected 293T cell line ([H00055748-T01](#)) by CNDP2 MaxPab polyclonal antibody.

Lane 1: CNDP2 transfected lysate(52.25 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CNDP2

Entrez GeneID	55748
GeneBank Accession#	BC001375
Protein Accession#	AAH01375.1
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](#)