

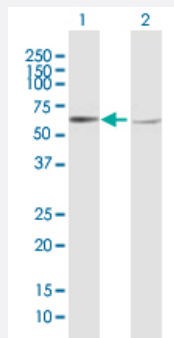
MaxPab®

CNDP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084735-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CNDP1 expression in transfected 293T cell line ([H00084735-T01](#)) by CNDP1 MaxPab polyclonal antibody.

Lane 1: CNDP1 transfected lysate(55.77 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CNDP1 protein.
Immunogen	CNDP1 (NP_116038.4, 1 a.a. ~ 507 a.a) full-length human protein.
Sequence	MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEFVQTLKEWVAIESDSVQ PVPRFRQELFRMMAVAADTLQRLGARVASVDMGPQQLPDGQSLPIPPVILAE LGSDPTKGTVCF YGHLDVQPADRGDGLWLTDPYVLTEVDGKLYGRGATDNKGPVLAWINAVSAFRALEQDLPVNIKFII EGMEEAGSVALEELVEKEKDRFFSGVDYVISDNLWISQRKPAITYGTRGNSYFMVEVKCRDQDF HSGTFFGILHEPMADLVALLGSLVDSSGHILVPGYDEVVPLTEEEINTYKAHLDLEEYRNSSRVEK FLFDTKEEILMHLWRYP SLIHGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLED VFSKRNSSNKMVVSM TLGLHPWIANIDDTQYLAAKRAIRTVFGTEPDMIRDGSTIPIAKMFQEVHKS VVLIP LGAVDDGEHSQNEKINRWNYIEGTKLFAAFFLEMAQLH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (82)
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.

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[Protocol Download](#)

Gene Info — CNDP1

Entrez GeneID

[84735](#)

GeneBank Accession#

[NM_032649.5](#)

Protein Accession#

[NP_116038.4](#)

Gene Name

CNDP1

Gene Alias

CN1, CPGL2, HsT2308, MGC102737, MGC10825, MGC142072

Gene Description

carnosine dipeptidase 1 (metallopeptidase M20 family)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This gene contains trinucleotide (CTG) repeat length polymorphism in the coding region. [provided by RefSeq]

Other Designations

carnosinase 1|glutamate carboxypeptidase-like protein 2

Pathway

- [beta-Alanine metabolism](#)
- [Histidine metabolism](#)

- [Metabolic pathways](#)

Disease

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)