

DNAxPAb

Hard-to-Find
Antibody

CNDP1 DNAxPab

Catalog # H00084735-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CNDP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEFVQTLKEWVAIESDSVQ PVPRFRQELFRMMAVAADTLQRLGARVASVDMGPQQLPDGQSLPIPPVILAE LGSDPTKGTVCF YGHLDVQPADRGDGWL TDPYVLTEVDGKLYGRGATDNKGPVLAWINAVSAFRALEQDLPVNIKFI EGMEEAGSVALEELVEKEKDRFFSGVDYVISDNLWISQRKPAITYGTRGNSYFMVEVKCRDQDF HSGTGGILHEPMADLVALLGSLVDSSGHILVPGYDEVVPLTEEEINTYKAHLDLEEYRNSSRVEK FLFDTKEEILMHLWRYP SLSIHGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLED VFSKRNSSNKMVVSMTLGLHPWIANIDDTQYLAAKRAIRTVFGTEPDMIRDGSTIPIAKMFQENVHKS VVLIPLGAVDDGEHSQNEKINRWNYIEGTKLFAAFFLEMAQLH
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)