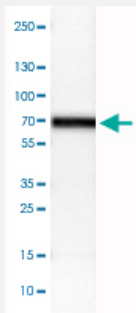


CNDP1 monoclonal antibody, clone CL0339

Catalog # MAB15608 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human plasma tissue lysate with CNDP1 monoclonal antibody, clone CL0339 (Cat # MAB15608).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CNDP1.
Immunogen	Recombinant protein corresponding to human CNDP1.
Epitope	This antibody binds to an epitope located within the peptide sequence DEFVQTLKEWVAIES as determined by overlapping synthetic peptides.
Sequence	PALLEKVFQYIDLHQDEFVQTLKEWVAIESDSVQPVPFRFRQELFRMMAVAADTLQRLGARVASV DMGPQQLPDGQSLPIPPVILAE LGSDPTKGTVC FYGHL
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human plasma tissue lysate with CNDP1 monoclonal antibody, clone CL0339 (Cat # MAB15608).

Gene Info — CNDP1

Entrez GeneID	84735
Protein Accession#	Q96KN2
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](#)