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Product datasheet for TA502097

CNDP1 Mouse Monoclonal Antibody [Clone ID: OTI1A5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A5
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CNDP1 (NP_116038) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56.5 kDa
Gene Name:	carnosine dipeptidase 1
Database Link:	NP_116038 Entrez Gene 84735 Human Q96KN2
Background:	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]
Synonyms:	CN1; CPGL2; HsT2308

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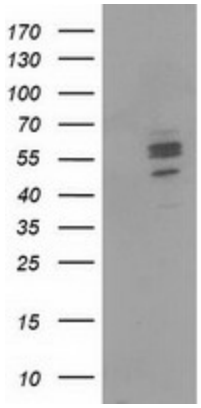
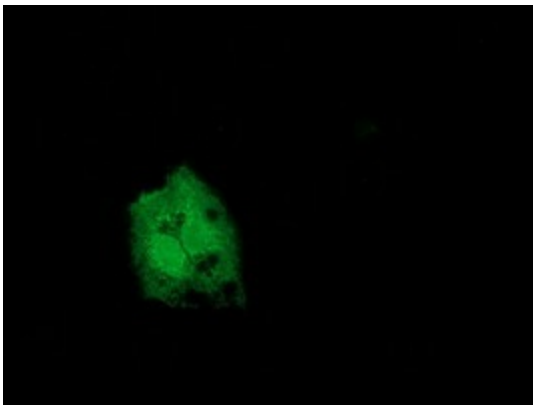
Protein Families: Protease, Secreted Protein

Protein Pathways: beta-Alanine metabolism, Histidine metabolism, Metabolic pathways

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CNDP1 ([RC210312], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CNDP1. Positive lysates [LY403189] (100ug) and [LC403189] (20ug) can be purchased separately from OriGene.



Anti-CNDP1 mouse monoclonal antibody (TA502097) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CNDP1 ([RC210312]).

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