



DNM1L blocking peptide (CDBP5388)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	DNM1L dynamin 1-like [Homo sapiens (human)]
Official Symbol	DNM1L
Synonyms	DNM1L; dynamin 1-like; DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV; dynamin-1-like protein; dynamin-like protein 4; dynamin-like protein IV; Dnm1p/Vps1p-like protein; dynamin-related protein 1; dynamin family member proline-rich carboxyl-terminal domain less

Entrez Gene ID	10059
mRNA Refseq	NM_001278463
Protein Refseq	NP_001265392
UniProt ID	O00429
Pathway	Apoptosis; Apoptotic execution phase; Synaptic Vesicle Pathway; TNF signaling pathway
Function	GTP binding; GTPase activity; identical protein binding; lipid binding; protein binding; protein homodimerization activity; ubiquitin protein ligase binding