



Anti-DNM1L (aa 107-156) polyclonal antibody (DPABH-12604)

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

PRODUCT INFORMATION

Antigen Description	Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into ring-like structures which wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. Required for normal brain development. Facilitates developmentally-regulated apoptosis during neural tube development. Required for a normal rate of cytochrome c release and caspase activation during apoptosis. Also required for mitochondrial fission during mitosis. May be involved in vesicle transport. Isoform 1 and isoform 4 inhibit peroxisomal division when overexpressed.
Immunogen	Synthetic peptide corresponding to a region within N terminal amino acids 107-156 (IRQEIENETE RISGNNKGVS PEPIHLKIFS PNVVNLTLVD LPGMTKVPVG) of Human DNMT1L (NP_036192).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 97% PBS, 2% Sucrose
Preservative	None

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	DNM1L dynamin 2-like [Homo sapiens]
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
Protein Refseq	NP_001265392.1
UniProt ID	B4DYR6
Pathway	Apoptosis; Synaptic Vesicle Pathway; TNF signaling pathway;
Function	GTP binding; GTPase activity; identical protein binding; lipid binding