

DNAxPAb

Hard-to-Find
Antibody

TPP1 DNAxPab

Catalog # H00001200-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TPP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGLQACLLGLFALILSGKCSYSPEPDQRRTLPPGWVSLGRADPEEELSITFALRQQNVERLSELV QAVSDPSSPQYGKYL TENVADLVRPSPLTLHTVQKWLLAAGAQQCHSVITQDFLTCWLSIRQAE LLLPGAEFHHYVGGPTETHVVRSPHPYQLPQALAPHVDFVGGGLHRFPPTSSLRQRPEPQVTGTV GLHLGVTPSVIRKRYNLTSQDVGSGTSNNSQACAQFLEQYFHDSDLAQFMRLF GGNFAHQASVA RVVGQQGRGRAGIEASLDVQYLSAGANISTWVYSSPGRHEGQEPFLQWLMLLSNESALPHVHT VSYGDDEDSLSSAYIQRVNTELMKAAARGLTLLFASGDSGAGCWSVSGRHQFRPTFPASSPYVT TVGGTSFQEPFLITNEVDYISGGGFSNVFPRPSYQEEAVTKFLSSSPHLPPSSYFNASGRAYPDV AALSDGYWVVSNRVPIPWVSGTSASTPVFGGILSLINEHRILSGRPPLGFLNPRLYQQHGAGLFDV TRGCHESCLDEEVEGGQGFCSGPGWDPVTGWGTPNFPALLKTLLNP
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 — TPP1

Entrez GeneID [1200](#)

GeneBank Accession# [NM_000391.2](#)

Protein Accession# [NP_000382.3](#)

Gene Name TPP1

Gene Alias CLN2, GIG1, LPIC, MGC21297

Gene Description tripeptidyl peptidase I

Omim ID [204500 607998](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the sedolisin family of serine proteases. The protease functions in the lysosome to cleave N-terminal tripeptides from substrates, and has weaker endopeptidase activity. It is synthesized as a catalytically-inactive enzyme which is activated and auto-proteolyzed upon acidification. Mutations in this gene result in late-infantile neuronal ceroid lipofuscinosis, which is associated with the failure to degrade specific neuropeptides and a subunit of ATP synthase in the lysosome. [provided by RefSeq]

Other Designations ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)|growth-inhibiting protein 1|lysosomal pepstatin insensitive protease|tripeptidyl aminopeptidase|tripeptidyl-peptidase I

Pathway

- [Lysosome](#)

Disease

- [Kidney Failure](#)
- [Neuronal Ceroid-Lipofuscinoses](#)