

DNAxPAb

Hard-to-Find
Antibody

TPK1 DNAxPab

Catalog # H00027010-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TPK1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEHAFTPLEPLLSTGNLKYCLVILNQPLDNYFRHLWNKALLRACADGGANRLYDITEGERESFLPE FINGDFDSIRPEVREYYATKGCELISTPDQDHTDFTKCLKMLQKKIEEKDLKVDVIVTLGGLAGRFD QIMASVNTLFQATHITPFPIIIQEESLMYLLQPGKHLHVDTGMEGDWCGLIPVGQPCMQVTTTGLK WNLTNDVLAFGTLVSTSNTYDGSVVTVETDHPLLWTMAIKS
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 — TPK1

Entrez GeneID [27010](#)**GeneBank Accession#** [NM_022445.3](#)**Protein Accession#** [NP_071890.2](#)**Gene Name** TPK1**Gene Alias** HTPK1, PP20**Gene Description** thiamin pyrophosphokinase 1**Omim ID** [606370](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein, that exists as a homodimer, which catalyzes the conversion of thiamine to thiamine pyrophosphate. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations placental protein 20|thiamine diphosphokinase|thiamine kinase|thiamine pyrophosphokinase 1

Pathway

- [Metabolic pathways](#)
- [Thiamine metabolism](#)

Disease

- [Birth Weight](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)