



Rabbit Anti-Human TPK1 Polyclonal antibody (DPABH-12271)

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

PRODUCT INFORMATION

Immunogen	TPK1 fusion protein, sequence: LLSTGNLKYCLVILNQPLDNYFRHLWNKALLRACADGGANRLYDITEGERESFLPEFING DFDSIRPEVREYYATKGCELISTPDQDHTDFTKCLKMLQKKIEEKDLKVDVIVTLGGLAG RFDQIMASVNTLFQATHITPFPPIIIQEESLIYLLQPGKHRHLHVDTGMEGDWCGLIPVGQ PCMQVTTTGLKWNLTNDVLAFTLVSTNTYDGSGVTVETDHPLLWTMAIKS (11- 243 aa encoded by BC014552)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, IHC, ELISA
Positive Control	mouse kidney tissue, HEK-293 cells, human small intestine tissue, L02 cells, mouse small intestine tissue, mouse testis tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction 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.

Keywords TPK1; thiamin pyrophosphokinase 1; PP20; HTPK1; THMD5; thiamine kinase; placental protein 20; thiamine diphosphokinase;

GENE INFORMATION

Entrez Gene ID [27010](#)

UniProt ID [F5GZG6](#)