

DNAxPAb

Hard-to-Find
Antibody

PPA2 DNAxPab

Catalog # H00027068-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPA2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSALLRLLRTGAPAAACLRLGTSAGTGSRRAMALYHTEERGQPCSQNYRLFFKNVTGHYISPFHDI PLKVNSKEENGIPMKKARNDYEYENLFNMIVEIPRWTNAKMEIATKEPMNPIKQYVKDGKLRVANIF PYKGYWNYGTLPQTWEDPHEKDKSTNCFGDNDPIDVCEIGSKILSCGEVIHVILGILALIDEGETD WKLIAINANDPEASKFHDIDDVKKFKPGYLEATLNWFRLYKVPDGKPENQFAFNGEFKNKAFAL VIKSTHQCWKALLMKKCNGGAINCTNVQISDSPFRCTQEEARSLVESVSSSPNKESNEEEQVWH FLGK
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 — PPA2

Entrez GeneID	27068
GeneBank Accession#	NM_176869.2
Protein Accession#	NP_789845.1
Gene Name	PPA2
Gene Alias	FLJ20459, HSPC124, MGC49850, SID6-306
Gene Description	pyrophosphatase (inorganic) 2
Omim ID	609988
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	inorganic pyrophosphatase 2

Pathway

- [Oxidative phosphorylation](#)

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)