

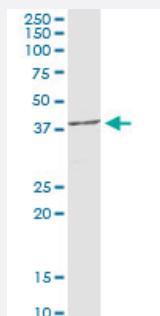
MaxPab®

PPA2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00027068-D01P

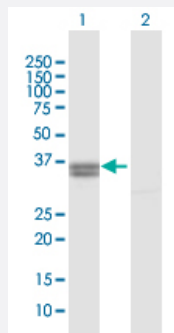
Size 100 ug

Applications



Western Blot (Tissue lysate)

PPA2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PPA2 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of PPA2 expression in transfected 293T cell line ([H00027068-T01](#)) by PPA2 MaxPab polyclonal antibody.

Lane 1: PPA2 transfected lysate(37.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PPA2 protein.

Immunogen

PPA2 (NP_789845.1, 1 a.a. ~ 334 a.a) full-length human protein.

Sequence

MSALLRLLRTGAPAAACLRLLGTSAGTGSRRAMALYTEERGQPCSQNYRLFFKNVTGHYISPFHDI
PLKVNSKEENGIPMKKARNDYENLFNMIVEIPRWNTAKMEIATKEPMNPIKQYVKDGKLRVANIF
PYKGYWNYGTLPQTWEDPHEKDKSTNCFGDNDPIDVCEIGSKILSCGEVIHVKILGILALIDEGETD
WKLIAINANDPEASKFHDIDDVKKFKPGYLEATLNWFRLYKVPDGKPENQFAFNGEFKNKAFAL
VIKSTHQCWKALLMKKCNCGAINCTNVQISDSPFRCTQEEARSLVESVSSSPNKESNEEEQVWH
FLGK

Host

Rabbit

Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (75); Rat (74)
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 (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PPA2 expression in transfected 293T cell line ([H00027068-T01](#)) by PPA2 MaxPab polyclonal antibody.

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[Protocol Download](#)

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](#)