

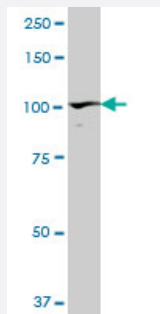
MaxPab®

PDCD6IP MaxPab mouse polyclonal antibody (B02)

Catalog # H00010015-B02

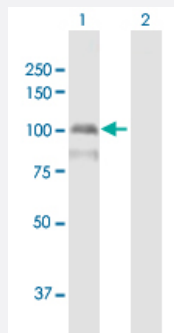
Size 50 uL

Applications



Western Blot (Tissue lysate)

PDCD6IP MaxPab polyclonal antibody. Western Blot analysis of PDCD6IP expression in human stomach.



Western Blot (Transfected lysate)

Western Blot analysis of PDCD6IP expression in transfected 293T cell line ([H00010015-T01](#)) by PDCD6IP MaxPab polyclonal antibody.

Lane 1: PDCD6IP transfected lysate(95.48 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PDCD6IP protein.

Immunogen

PDCD6IP (NP_037506, 1 a.a. ~ 868 a.a) full-length human protein.

Sequence	MATFISVQLKKTSEVDLAKPLVKFIQQTYPSSGGEEQAQYCRAAEELSKLRRAAVGRPLDKHEGAL ETLLRYDQICSIEPKFPFSENQICLTFTWKDAFDKGSFSGSVKLALASLGYEKSCVLFNCAALA SQIAAEQNLDNDEGLKIAAKHYQFASGAFLHIKETVLSALSREPTVDISPDTVGTLSLIMLAQAEV FFLKATRDKMKDAAIAKLANQAADYFGDAFKQCQYKDTLPKEVFPVLAAKHCIMQANA EYHQSILA KQKKFGEEIARLQHAAELIKTVASRYDEYVNVKDFSDKINRALAAAKDNDFIYHDRVDPDLKDLD PIGKATLVKSTPVPNPISQKFTDLFEKMVPVSVQQSLAAYNQKADLVNRSIAQMREATTLANGVL ASLNLPAAIEDVSGDTPVQSILTKSRSVIEQGGIQTVDQLIKELPELLQRNREILDESLRLDDEEAT DNDLRAKFKERWQRTSPNELYKPLRAEGTNFRTVLDKAVQADGQVKECYQSHRDTMVLCKPEP ELNAAIPSANPAKTMQGSEVVNVLSLLSNLDEVKKEREGLNDLKS VNFDMTSKFLTALAQDG VINEEALSVTELDREVYGGTTKVQESLKKQEGLLKNIQVSHQEF SKMKQSNNEANLREEVLKNLAT AYDNFVELVANLKEGTFYNELTEILVRFQNKCSDMFARKTERDELLKDLQQSIAREPSAPSIPTP AYQSSPAGGHAPTPTPTAPRTMPPTKPQPPARPPPPVLPANRAPSATAPSPVGAGTAAPAPSQ TPGSAPPPQAQGPPYPTYPGYPGYCQMPMPMGYNPYAYGQYNMPYPPVYHQSPGQAPYPGPQQ PSYPFPQPPQSYYPQQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

PDCD6IP MaxPab polyclonal antibody. Western Blot analysis of PDCD6IP expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDCD6IP expression in transfected 293T cell line ([H00010015-T01](#)) by PDCD6IP MaxPab polyclonal antibody.

Lane 1: PDCD6IP transfected lysate(95.48 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PDCD6IP

Entrez GeneID [10015](#)

GeneBank Accession# [NM_013374](#)

Protein Accession# [NP_037506](#)

Gene Name PDCD6IP

Gene Alias AIP1, Alix, DRIP4, HP95, MGC17003

Gene Description programmed cell death 6 interacting protein

Omim ID [608074](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations ALG-2 interacting protein 1|ALG-2 interacting protein X|apoptosis-linked gene 2-interacting protein X|dopamine receptor interacting protein 4|programmed cell death 6-interacting protein

Publication Reference

- [UBL3 modification influences protein sorting to small extracellular vesicles.](#)

Ageta H, Ageta-Ishihara N, Hitachi K, Karayel O, Onouchi T, Yamaguchi H, Kahyo T, Hatanaka K, Ikegami K, Yoshioka Y, Nakamura K, Kosaka N, Nakatani M, Uezumi A, Ide T, Tsutsumi Y, Sugimura H, Kinoshita M, Ochiya T, Mann M, Setou M, Tsuchida K.

Nature Communications 2018 Sep; 9(1):3936.

Application: WB-Tr, Human, MDA-MB-231 cells

Pathway

- [Endocytosis](#)

Disease

- [Tobacco Use Disorder](#)