

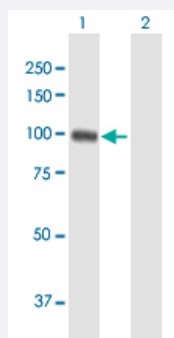
MaxPab®

EZH2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00002146-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EZH2 expression in transfected 293T cell line ([H00002146-T04](#)) by EZH2 MaxPab polyclonal antibody.

Lane 1: EZH2 transfected lysate (86.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human EZH2 protein.

Immunogen

EZH2 (NP_004447.2, 1 a.a. ~ 751 a.a) full-length human protein.

Sequence

MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRRRADEVKSMFSSNRQKILERTEILNQEWKQR
RIQPVHILTSVSSLRGTRRECSVTSDLDFPTQVIPLKTLNAVASVPIMYSWSPLQQNFMVEDETVLHN
IPYMGDEVLDQDGTFFIELIKNYDGKVHGDRECGFINDEIFVELVNALGQYNDDDDDDGDDPEE
REEKQKDLEDHRDDKESRPPRKFPSPDKIFEAISSMFPDKGTAEELEKEYKELTEQQLPGALPPE
CTPNIDGPNKSVQREQSLHSFHTLFCRRCFKYDCFLHRKCNYSFHATPNTYKRKNTETALDNKP
CGPQCYQHLEGAKEFAAALTAERIKTPPKRPGGRRRGRLPNNSSRPSTPTINVLESKDTDSREA
GTETGGENNDKEEEEKKDETSSSSEANSRCQTPMKPNIEPPENVEWSGAEASMFRLIGTYD
NFCIAIRLIGTKTCRQVYEFVRKESSIAPAPAEDVDTPPRKKRKHRLWAAHCRKIQLKKGSSN
HVYNYQPCDHPRQPCDSSCPCVIAQNFCEKFCQCSSECQNRFPGCRCKAQCNKQCPCYLAV
RECDPDLCLTCGAADHWDSKNVSCNCSIQRGSKKHLAPSDVAGWGIFIKDPVQKNEFISEY
CGEIIISQDEADRRGKVYDKYMCFLNNDNFVVDATRKGNKIRFANHSVNPNCYAKVMMVNGD
HRIGIFAKRAIQTGEELFFDYRYSQADALKYVGIEREMEIP

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

Gene Info — EZH2

Entrez GeneID
[2146](#)
GeneBank Accession#
[NM_004456](#)
Protein Accession#
[NP_004447.2](#)
Gene Name

EZH2

Gene Alias

ENX-1, EZH1, KMT6, MGC9169

Gene Description

enhancer of zeste homolog 2 (Drosophila)

Omim ID
[601573](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

enhancer of zeste 2

Disease

- [Adenocarcinoma](#)

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Tobacco Use Disorder](#)