

MaxPab®

ALKBH2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00121642-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ALKBH2 protein.
Immunogen	ALKBH2 (NP_001001655.1, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MDRFLVKGAQGGLLRKQEEQEPTGEPAVLGGDKESTRKRPRREAPGNGGHSAGPSWRHIRA EGLDCSYTVLFGKAEADEIFQELEKEVEYFTGALARVQVFGKWSVPRKQATYGDAGLTYTFSGL TLSPKPWIPVLERIRDHVSGVTGQTFNFVLINRYKDGCDHIGEHRDDERELAPGSPIASVSFGACR DFVFRHKDSRGKSPSRRVAVVRLPLAHGSLMMNHPNTNHWYHSLPVRKKVLAPRVNLTFRKILL TKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (75)
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](#)

Gene Info — ALKBH2

Entrez GeneID

[121642](#)

GeneBank Accession#	NM_001001655.1
Protein Accession#	NP_001001655.1
Gene Name	ALKBH2
Gene Alias	ABH2, MGC90512, hABH2
Gene Description	alkB, alkylation repair homolog 2 (E. coli)
Omim ID	610602
Gene Ontology	Hyperlink
Gene Summary	The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 and ALKBH3 (MIM 610 603) are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM]
Other Designations	2OG-Fe(II) oxy DC1 alkB, alkylation repair homolog 2

Disease

- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Werner syndrome](#)