

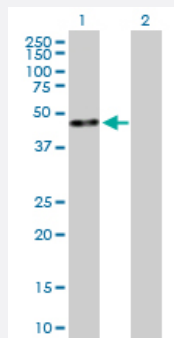
MaxPab®

KLF8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00011279-B01P

Size 50 ug

Applications

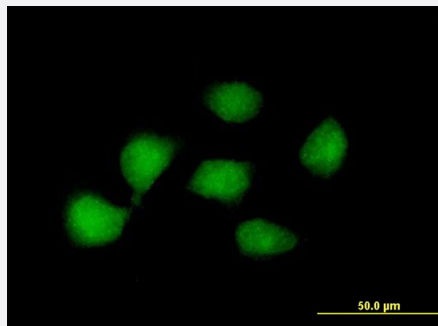


Western Blot (Transfected lysate)

Western Blot analysis of KLF8 expression in transfected 293T cell line ([H00011279-T01](#)) by KLF8 MaxPab polyclonal antibody.

Lane 1: KLF8 transfected lysate(39.49 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KLF8 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KLF8 protein.

Immunogen

KLF8 (NP_009181.2, 1 a.a. ~ 359 a.a) full-length human protein.

Sequence

MVDMDKLINNLEVQLNSEGGSMQVFKQVTASVRNRDPPEIEYRSNMTSPTLLDANPMENPALFN
DIKIEPPEELLASDFSLPQVEPVDLSFHKPKAPLQPASMLQAPIRPPKPQSSPQTLVVSTSTSDM
STSANIPTVLTPGSVL TSSQSTGSQQILHVIHTIPSVSLPNKMGGGLKTIPVVVQSLPMVYTTL PADGG
PAAITVPLIGGDGKNAGSVKVDPTSMSPLEIPSDSEESTIESGSSALQSLQGLQQEPAAMAQMQG
EESLDLKRRIHQCDFAGCSKVYTKSSHLKAHRRRIHTGEKPYKCTWDGCSWKFARSDDELTRHFR
KHTGIKPFRCCTDCNRSFSRSDHLSLHRRRHDTM

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (83)
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](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to KLF8 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — KLF8

Entrez GeneID	11279
GeneBank Accession#	NM_007250.3
Protein Accession#	NP_009181.2
Gene Name	KLF8
Gene Alias	BKLF3, DKFZp686O08126, DXS741, MGC138314, ZNF741
Gene Description	Kruppel-like factor 8
Omim ID	300286
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein which is a member of the Sp/KLF family of transcription factors. Members of this family contain a C-terminal DNA-binding domain with three Kruppel-like zinc fingers. The encoded protein is thought to play an important role in the regulation of epithelial to mesenchymal transition, a process which occurs normally during development but also during metastasis. A pseudogene has been identified on chromosome 16. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

zinc finger protein 741

Publication Reference

- [Kruppel-Like Factor 8 \(KLF8\) Is Expressed in Gliomas of Different WHO Grades and Is Essential for Tumor Cell Proliferation.](#)

Schnell O, Romagna A, Jaehnert I, Albrecht V, Eigenbrod S, Juerchott K, Kretschmar H, Tonn JC, Schichor C.

PLoS One 2012 Jan; 7(1):e30429.

Application: ICC, Human, Human glioblastoma cell line U87-MG

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)