

KLF13 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant KLF13.****Catalog # AT2631a****Specification**

KLF13 Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	O9Y2Y9
Other Accession	BC010438
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	31180

KLF13 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 51621**Other Names**

Krueppel-like factor 13, Basic transcription element-binding protein 3, BTE-binding protein 3, Novel Sp1-like zinc finger transcription factor 1, RANTES factor of late activated T-lymphocytes 1, RFLAT-1, Transcription factor BTEB3, Transcription factor NSLP1, KLF13, BTEB3, NSLP1

Target/Specificity

KLF13 (AAH13946, 31 a.a. ~ 72 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

KLF13 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

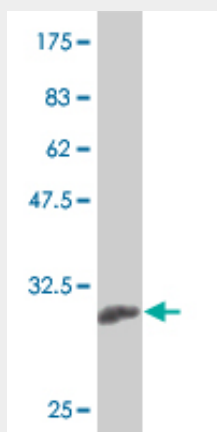
KLF13 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

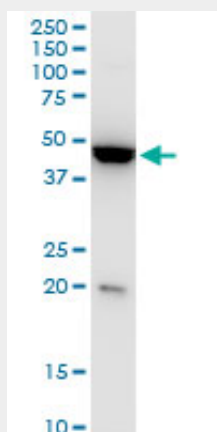
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

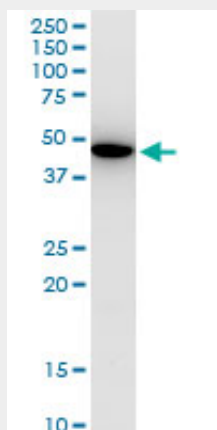
KLF13 Antibody (monoclonal) (M01) - Images



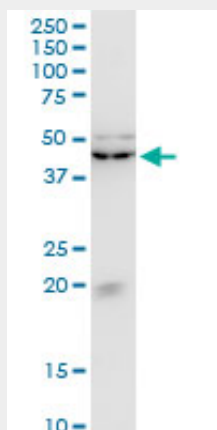
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34 KDa) .



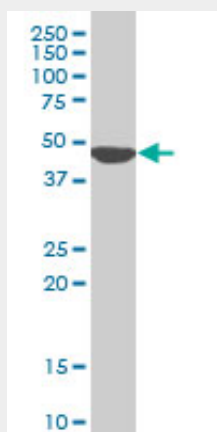
KLF13 monoclonal antibody (M01), clone 1D3. Western Blot analysis of KLF13 expression in PC-12 (Cat # AT2631a)



KLF13 monoclonal antibody (M01), clone 1D3. Western Blot analysis of KLF13 expression in Raw 264.7((Cat # AT2631a)



KLF13 monoclonal antibody (M01), clone 1D3. Western Blot analysis of KLF13 expression in NIH/3T3((Cat # AT2631a)



KLF13 monoclonal antibody (M01), clone 1D3 Western Blot analysis of KLF13 expression in K-562 ((Cat # AT2631a)

KLF13 Antibody (monoclonal) (M01) - Background

KLF13 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Schohy et al., 2000 [PubMed 11087666]).

KLF13 Antibody (monoclonal) (M01) - References

Overexpression of KLF13 and FGFR3 in oral cancer cells. Henson BJ, et al. Cytogenet Genome Res, 2010 Jun. PMID 20539070. Functional differentiation of uterine stromal cells involves cross-regulation between bone morphogenetic protein 2 and Kruppel-like factor (KLF) family members KLF9 and KLF13. Pabona JM, et al. Endocrinology, 2010 Jul. PMID 20410205. Regulation of Kruppel-like factor 4, 9, and 13 genes and the steroidogenic genes LDLR, StAR, and CYP11A in ovarian granulosa cells. Natesampillai S, et al. Am J Physiol Endocrinol Metab, 2008 Feb. PMID 18056793. Interaction of PRP4 with Kruppel-like factor 13 regulates CCL5 transcription. Huang B, et al. J Immunol, 2007 Jun 1. PMID 17513757. Dynamic interplay of transcriptional machinery and chromatin regulates late expression of the chemokine RANTES in T lymphocytes. Ahn YT, et al. Mol Cell Biol, 2007 Jan. PMID 17074812.