

KLF13 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KLF13.

Catalog # AT2631a

Product Information

Application	WB
Primary Accession	Q9Y2Y9
Other Accession	BC010438
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D3
Calculated MW	31180

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.

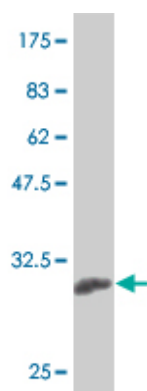
Background

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 (Schoy et al., 2000 [PubMed 11087666]).

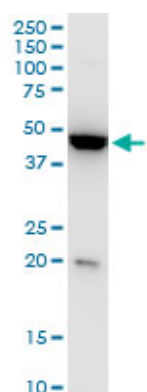
References

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.

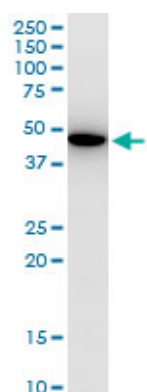
Images



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

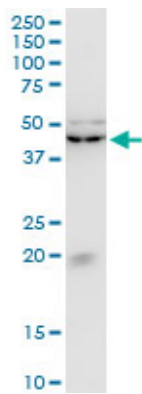


KLF13 monoclonal antibody (M01), clone 1D3. Western Blot analysis of KLF13 expression in PC-12((Cat # AT2631a)

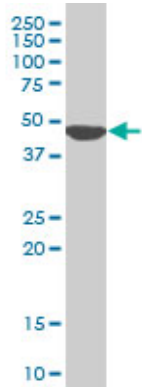


KLF13 monoclonal antibody (M01), clone 1D3. Western Blot analysis of KLF13 expression in Raw 264.7((Cat # AT2631a)

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)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.