

Goat Anti-KLF16 / DRRF Antibody
Peptide-affinity purified goat antibody
Catalog # AF1594a

Specification

Goat Anti-KLF16 / DRRF Antibody - Product Information

Application	WB, E
Primary Accession	O9B XK1
Other Accession	NP_114124 , 83855
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	25431

Goat Anti-KLF16 / DRRF Antibody - Additional Information

Gene ID 83855

Other Names

Krueppel-like factor 16, Basic transcription element-binding protein 4, BTE-binding protein 4, Novel Sp1-like zinc finger transcription factor 2, Transcription factor BTEB4, Transcription factor NSLP2, KLF16, BTEB4, NSLP2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-KLF16 / DRRF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-KLF16 / DRRF Antibody - Protein Information

Name KLF16

Synonyms BTEB4, NSLP2

Function

Transcription factor that binds GC and GT boxes and displaces Sp1 and Sp3 from these sequences. Modulates dopaminergic transmission in the brain (By similarity).

Cellular Location

Nucleus.

Goat Anti-KLF16 / DRRF Antibody - 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](#)

Goat Anti-KLF16 / DRRF Antibody - Images

AF1594a (0.3 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-KLF16 / DRRF Antibody - References

Analysis of KLF transcription factor family gene variants in type 2 diabetes. Gutierrez-Aguilar R, et al. BMC Med Genet, 2007 Aug 9. PMID 17688680.

Identification of the imprinted KLF14 transcription factor undergoing human-specific accelerated evolution. Parker-Katiraei L, et al. PLoS Genet, 2007 May 4. PMID 17480121.

Single nucleotide polymorphisms in the gene encoding Krüppel-like factor 7 are associated with type 2 diabetes. Kanazawa A, et al. Diabetologia, 2005 Jul. PMID 15937668.

Functional analysis of basic transcription element (BTE)-binding protein (BTEB) 3 and BTEB4, a novel Sp1-like protein, reveals a subfamily of transcriptional repressors for the BTE site of the cytochrome P4501A1 gene promoter. Kaczynski JA, et al. Biochem J, 2002 Sep 15. PMID 12036432.

A conserved alpha-helical motif mediates the interaction of Sp1-like transcriptional repressors with the corepressor mSin3A. Zhang JS, et al. Mol Cell Biol, 2001 Aug. PMID 11438660.