

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

Goat Anti-KLF16 / DRRF Antibody - Product Information

Application	WB
Primary Accession	O9B XK1
Other Accession	NP_114124 , 83855
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
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

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. Guti rrez-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 Kr ppel-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.