

Rabbit anti-Human, mouse KLF16 Polyclonal Antibody | anti-KLF16 antibody

KLF16 Antibody (Center)

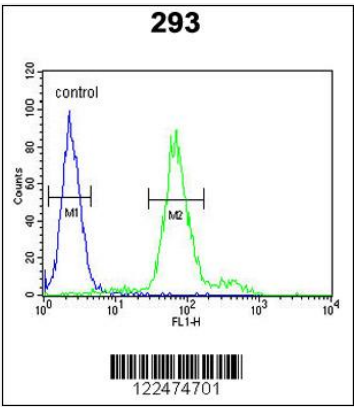
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287557	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

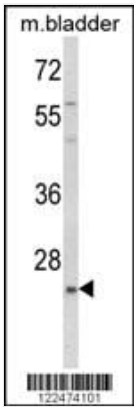
KLF16; Polyclonal Antibody; KLF16 Antibody (Center); Krueppel-like factor 16; Basic transcription element-binding protein 4; BTE-binding protein 4; Novel Sp1-like zinc finger transcription factor 2; Transcription factor BTEB4; Transcription factor NSLP2; BTEB4; NSLP2; anti-KLF16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLF16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-179 amino acids from the Central region of human KLF16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	150-179
Sequence Length	252
Applicable Applications for anti-KLF16 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
KLF16 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of KLF16 Antibody (Center) in mouse bladder tissue lysates (35ug/lane). KLF16 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF16 antibody	KLF16 is a nuclear zinc finger transcription factor highly expressed in brain regions with abundant dopaminergic terminals, that binds GC and GT boxes and displaces Sp1 and Sp3 from these sequences. KLF16 modulates dopaminergic transmission in the brain.
References	Parker-Katiraeae,L.,et.al., PLoS Genet. 3 (5), E65 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13994287
NCBI GeneID	83855
NCBI Accession #	NP_114124.1
NCBI GenBank Nucleotide #	NM_031918.3
UniProt Accession #	Q9BXX1
Molecular Weight	25431
NCBI Official Full Name	Krueppel-like factor 16
NCBI Official Synonym Full Names	Kruppel-like factor 16
NCBI Official Symbol	KLF16
NCBI Official Synonym Symbols	DRRF; BTEB4; NSLP2
NCBI Protein Information	Krueppel-like factor 16
UniProt Protein Name	Krueppel-like factor 16
UniProt Gene Name	KLF16
UniProt Synonym Gene Names	BTEB4; NSLP2; BTE-binding protein 4
UniProt Entry Name	KLF16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.