10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KLF16 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56388

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BXK1
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25431
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLF16
Epitope Specificity	101-200/252
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KLF16 is a 252 amino acid protein that contains three C2H2-type zinc fingers and belongs to the KLF transcription factor family. Localized to the nucleus and expressed at high levels in brain , KLF16 functions as a transcription factor that binds specifically to GT and GC boxes, displacing the transcription factors Sp1 and Sp3 and effectively modulating dopaminergic transmission in the brain.

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=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.