

KLF16 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56388

Specification

KLF16 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q9BXK1</u>

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 26 KDa
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.

KLF16 Polyclonal 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

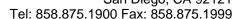
Dilution

WB~~1:1000<br \><span class</pre>

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class







="dilution IF">IF \sim 1:50 \sim 200
span class ="dilution ICC">ICC \sim N/A
br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

KLF16 Polyclonal 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.

KLF16 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

KLF16 Polyclonal Antibody - Images