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

KLF16 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8855c

Specification

KLF16 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9BXK1

KLF16 Antibody (Center) Blocking Peptide - 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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8855c was selected from the Center region of human KLF16. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KLF16 Antibody (Center) Blocking Peptide - 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.

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

KLF16 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

KLF16 Antibody (Center) Blocking Peptide - Images

KLF16 Antibody (Center) Blocking Peptide - Background

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.

KLF16 Antibody (Center) Blocking Peptide - References

Parker-Katiraee,L.,et.al., PLoS Genet. 3 (5), E65 (2007)