

## Anti-KLF16 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Pig,Cow)
Molecular Weight:	Theoretical: 26 kDa.
Purification:	Protein A purified

## Applications

Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF,ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human KLF16
Antigen Species:	Human
Gene ID:	83855
Uniprot ID:	Q9BXX1
Synonyms:	BTEB4;RCG29340;Transcription factor BTEB 4;AI843742;BTE binding protein 4;Transcription factor NSLP2;KLF 16;Likely ortholog of mouse dopamine receptor regulating factor;NSLP2;Transcription factor NSLP 2;DRRF;NSLP 2;Transcription factor BTEB4;Novel Sp1 like zinc finger transcription factor 2;BTEB 4;Krueppel-like factor 16;Basic transcription element binding protein 4;MGC187751;Dopamine receptor regulating factor
Biology Area:	Zinc Finger

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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