

**bs-16755R**

**[ Primary Antibody ]**

## KLF16 Rabbit pAb



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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow)  <b>Predicted MW.:</b> 26 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 83855	<b>SWISS:</b> Q9BXX1	
<b>Target:</b> KLF16		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human KLF16: 101-200/252.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

### — SELECTED CITATIONS —

- **[IF=5]** Ningheng Chen. et al. ZFP36L1 controls KLF16 mRNA stability in vascular smooth muscle cells during restenosis after vascular injury. J MOL CELL CARDIOL. 2024 Apr;; WB,IHC ;Rat. 38653384