

bs-16924R**[Primary Antibody]****KCTD1 Rabbit pAb****Bioss**
ANTIBODIES

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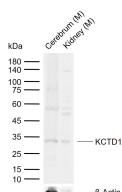
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit)
GeneID: 284252	SWISS: Q719H9	
Target: KCTD1		Predicted MW.: 29 kDa
Immunogen: KLH conjugated synthetic peptide derived from human KCTD1: 201-257/257.		Subcellular Location: Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 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.		
Background: KCTD1 (potassium channel tetramerisation domain containing 1), also known as C18orf5, is a 257 amino acid protein that contains one BTB domain, suggesting an involvement in transcriptional control. The gene encoding KCTD1 maps to human chromosome 18, which houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes, some of which include Trisomy 18 (also known as Edwards syndrome), Niemann-Pick disease, hereditary hemorrhagic telangiectasia, erythropoietic protoporphyria and follicular lymphomas.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Mouse Kidney tissue lysates Primary:

Anti-KCTD1 (bs-16924R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 29 kDa

Observed band size: 33 kDa

— SELECTED CITATIONS —

- **[IF=5.3]** Escudero-Cernuda Sara. et al. Limitations and challenges in the characterization of extracellular vesicles from stem cells and serum. MICROCHIM ACTA. 2025 May;192(5):1-12 FC ;Human. 40259021
- **[IF=4.9]** Zhu Xinyu. et al. Exosomes delivering miR-129-5p combined with sorafenib ameliorate hepatocellular carcinoma progression via the KCTD1/HIF-1 α /VEGF pathway. CELL ONCOL. 2025 Apr;1-18 IHC ;Human. 40227531