bs-16924R **[Primary Antibody]**

KCTD1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 284252 **SWISS:** Q719H9

Target: KCTD1

Immunogen: KLH conjugated synthetic peptide derived from human KCTD1: 201-257/257.

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.

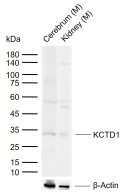
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Rabbit)

Predicted MW.: 29 kDa

Subcellular Location: Nucleus

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-1α/VEGF pathway. CELL ONCOL. 2025 Apr;:1-18 IHC ;Human. 40227531