

bs-8252R**[Primary Antibody]****DDRKG1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 65992	SWISS: Q96HY6	IHC-F (1:100-500)
Target: DDRGK1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human DDRGK1: 81-180/314.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 33 kDa
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.		Subcellular Location: Cytoplasm
Background: DDRGK1 (DDRKG domain-containing protein 1), also known as C20orf116, is a 314 amino acid secreted protein. DDRGK1 contains one PCI domain and is expressed as two isoforms produced by alternative splicing. The gene that encodes DDRGK1 maps to human chromosome 20, which represents about 2% of human DNA and consists of approximately 63 million bases and 600 genes. Chromosome 20 contains a region with numerous genes expressed in the epididymis, which are thought to be important for seminal production. The PRNP gene encoding the prion protein associated with spongiform encephalopathies, like Creutzfeldt-Jakob disease, is found on chromosome 20. Amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome are also associated with chromosome 20.		

— SELECTED CITATIONS —

- **[IF=12.2]** Zhe Du. et al. Reticulophagy promotes EMT-induced fibrosis in offspring' s lung tissue after maternal exposure to carbon black nanoparticles during gestation by a m5C-dependent manner. J HAZARD MATER. 2024 Dec;;136873 WB ;Rat. 39694008
- **[IF=8.886]** Hengzhi Du. et al. MiR-320a induces pancreatic β cells dysfunction in diabetes by inhibiting MafF. Mol Ther- Nucl Acids. 2021 Aug;; IF ;Rat, Human. 10.1016/j.omtn.2021.08.027