

bs-20084R**[Primary Antibody]****SGLT2 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Horse) Predicted MW.: 73 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 6524	SWISS: P31639	
Target: SGLT2		
Immunogen: KLH conjugated synthetic peptide derived from human SGLT2: 351-450/672. < Extracellular >		
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: This gene encodes a member of the sodium glucose cotransporter family which are sodium-dependent glucose transport proteins. The encoded protein is the major cotransporter involved in glucose reabsorption in the kidney. Mutations in this gene are associated with renal glucosuria. [provided by RefSeq, Sep 2009]		

— SELECTED CITATIONS —

- **[IF=2.59]** Tian C et al. Short communication: A high-grain diet entails alteration in nutrient chemosensing of the rumen epithelium in goats. Animal Feed Science and Technology. Volume 262, April 2020, 114410. IHC ;
doi:10.1016/j.anifeedsci.2020.114410
- **[IF=1.974]** Changxin Tian. et al. The expression of nutrient chemosensing gate molecules in the ileum and colon is altered for goats fed on a high-grain diet. ANIM SCI J. 2022 Jan;93(1):e13754 IHC ;Goat. 35791780