bs-20084R **[Primary Antibody]**

SGLT2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

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]

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

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