bs-2713R **[Primary Antibody]**

HAVCR1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 26762 **SWISS:** Q96D42

Target: HAVCR1

Immunogen: KLH conjugated synthetic peptide derived from human HAVCR1: 51-150/359. < 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: The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

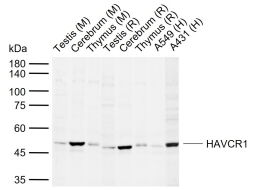
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW.: 39 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Thymus tissue lysates Lane 4: Rat Testis tissue lysates Lane 5: Rat Cerebrum tissue lysates Lane 6: Rat Thymus tissue lysates Lane 7: Human A549 cell lysates Lane 8: Human A431 cell lysates Primary: Anti-HAVCR1 (bs-2713R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kDa Observed band size: 50 kDa

SELECTED CITATIONS

- **[IF=26.6]** Lei Yao. et al. NAD+ biosynthesis and mitochondrial repair in acute kidney injury via ultrasound-responsive thylakoid-integrating liposomes. NAT BIOMED ENG. 2025 Jun;:1-18 IF ;Mouse. 40461655
- **[IF=12.9]** Yu Ren. et al. Kidney-targeting DNA tetrahedral molecular cage synergistically inhibits acute kidney injury by clearing ROS and activating HO-1. BIOMATERIALS. 2025 Sep;320:123237 IF ;Mouse. 40049024
- **[IF=11.556]** Wen-juan Jiang. et al. Tubular epithelial cell-to-macrophage communication forms a negative feedback loop via extracellular vesicle transfer to promote renal inflammation and apoptosis in diabetic nephropathy. Theranostics. 2022; 12(1): 324–339 WB ;Mouse,Human. 34987648
- **[IF=9.473]** Xiao-yan He. et al. Cpd-42 Alleviates Acute Kidney Injury via Targeting RIPK3-mediated Necroptosis. BRIT J

PHARMACOL. 2023 May;: IHC,WB ;Mouse. 37248964

- **[IF=7.7]** Changlin Du. et al. PSTPIP2 ameliorates aristolochic acid nephropathy by suppressing interleukin-19-mediated neutrophil extracellular trap formation. ELIFE. 2024 Feb IHC,IF,WB ;Mouse. 38314821