bs-15366R **[Primary Antibody]**

GPR92 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 57121 **SWISS:** Q9H1C0

Target: GPR92

Immunogen: KLH conjugated synthetic peptide derived from human GPR92: 121-220/372. < 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 rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq, Dec 2008]

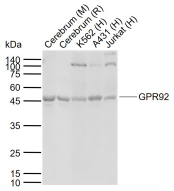
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

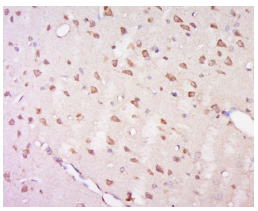
Predicted MW.: 41 kDa

Subcellular Location: Cell membrane

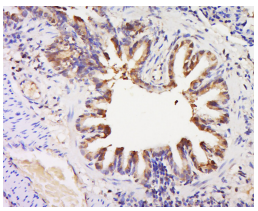
VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Lane 3: Human K562 cell lysates Lane 4: Human A431 cell lysates Lane 5: Human Jurkat cell lysates Primary: Anti-GPR92 (bs-15366R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 46 kDa



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-GPR92 Polyclonal Antibody, Unconjugated(bs-15366R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-GPR92 Polyclonal Antibody, Unconjugated(bs-15366R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=9.77]** Tang Y et al. PARP14 inhibits microglial activation via LPAR5 to promote post-stroke functional recoveryAutophagy.2020 Dec 15;1-18. WB ;Mouse. 33317392
- **[IF=2.942]** Xue Gang. et al. Identification of key genes of papillary thyroid carcinoma by integrated bioinformatics analysis. Bioscience Rep. 2020 Aug;40(8):BSR20201555 WB ;Human. 32766727
- **[IF=2.903]** Xuling Zhang. et al. Effects of lysophosphatidic acid receptor 5 on NLRC4 inflammasome in brain tissues of transient cerebral ischemia/reperfusion rat:. Hum Exp Toxicol. 2022;(): IF ;Rat. 35230166
- **[IF=2.311]** Bingsheng Yang. et al. Identification of prognostic biomarkers associated with metastasis and immune

infiltration in osteosarcoma. Oncol Lett. 2021 Mar;21(3):1-1 IHC ;Human. 33574919