bs-2624R **[Primary Antibody]**

IL22R Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 58985 **SWISS:** Q8N6P7

Target: IL22R

Immunogen: KLH conjugated synthetic peptide derived from human IL-22R: 41-150/574. < 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 belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10BR/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36. [provided by RefSeq, Jul 2008].

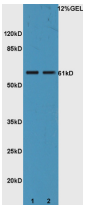
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, GuineaPig, Horse)

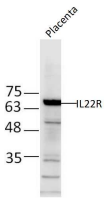
Predicted MW.: 61 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane1: Liver(Mouse) Lysate at 30 ug
Lane2: Intestinal(Mouse) Lysate at 30 ug
Primary: Anti-IL22R (bs-2624R) at 1:300 dilution;
Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size : 61kD Observed band size : 61kD



Sample: placenta (Mouse) Lysate at 40 ug
Primary: Anti-IL22R (Bs-2624R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD
Observed band size: 65 kD

SELECTED CITATIONS

- **[IF=8.65]** Kulkarni et al. Toll-like receptor 4-induced IL-22 accelerates kidney regeneration. (2014) J.Am.Soc.Nephrol. 25:978-89 IHC ;Mouse. 24459235
- **[IF=8.109]** Jane A. Lindborg. et al. Optic nerve regeneration screen identifies multiple genes restricting adult neural repair. Cell Rep. 2021 Mar;34:108777 IHC ;Mouse. 33657370
- **[IF=6.208]** Yanan Hao. et al. Alginate Oligosaccharides Repair Liver Injury by Improving Anti-Inflammatory Capacity in a Busulfan-Induced Mouse Model. INT J MOL SCI. 2023 Jan;24(4):3097 IF ;Mouse. 36834506
- **[IF=4]** Zhengchen Jiang. et al. IL-22 relieves hepatic ischemia-reperfusion injury by inhibiting mitochondrial apoptosis based on the activation of STAT3. INT J BIOCHEM CELL B. 2024 Jan;166:106503 IF ;Mouse. 38036287
- **[IF=3.061]** Wanzhen Li. et al. Ac2-26 attenuates hepatic ischemia-reperfusion injury in mice via regulating IL-22/IL-22R1/STAT3 signaling. PEERJ. 2022 Sep;10:e14086 WB ;Mouse. 36193422

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.