bs-2619R **[Primary Antibody]**

IL-20R alpha Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 53832 **SWISS:** Q9UHF4

Target: IL-20R alpha

Immunogen: KLH conjugated synthetic peptide derived from human IL-20RA: 121-220/553. < 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 receptor for interleukin 20 (IL20), a cytokine that may be involved in epidermal function. The receptor of IL20 is a heterodimeric receptor complex consisting of this protein and interleukin 20 receptor beta (IL20B). This gene and IL20B are highly expressed in skin. The expression of both genes is found to be upregulated in Psoriasis. [provided by RefSeq]

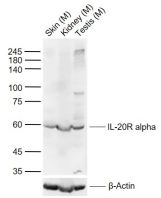
Applications: **WB** (1:500-2000)
ELISA (1:5000-10000)

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

Predicted MW.: 59 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Mouse Skin tissue lysates Lane 2: Mouse Kidney tissue lysates Lane 3: Mouse Testis tissue lysates Primary: Anti-IL-20R alpha (bs-2619R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa

SELECTED CITATIONS

- **[IF=6.183]** Madouri F et al. Production of Interleukin-20 cytokines limits bacterial clearance and lung inflammation during infection by Streptococcus pneumoniae.(2018) EBioMedicine. Oct 22. IHC ;Mouse. 30361066
- **[IF=5.076]** Liu Shengpeng. et al. IL-20R Activation via rIL-19 Enhances Hematoma Resolution through the IL-20R1/ERK/Nrf2 Pathway in an Experimental GMH Rat Pup Model. Oxid Med Cell Longev. 2021;2021:5913424 WB,IF ;Rat. 33532035
- **[IF=3.8]** Yuting Jiang. et al. Effects of Interleukin-19 overexpression in the medial prefrontal cortex on anxiety-related behaviors, BDNF expression and p38/JNK/ERK pathways. BRAIN RES BULL. 2024 Jun;212:110952 WB,IF ;Mouse. 38636611

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