bs-10947R **[Primary Antibody]**

Bradykinin Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3827 **SWISS:** P01042

Target: Bradykinin

Immunogen: KLH conjugated synthetic peptide derived from human Kininogen 1: 381-389/644.

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 uses alternative splicing to generate two different proteins- high molecular weight kininogen (HMWK) and low molecular weight kininogen (LMWK). HMWK is essential for blood coagulation and assembly of the kallikrein-kinin system. Also, bradykinin, a peptide causing numerous physiological effects, is released from HMWK. In contrast to HMWK, LMWK is not involved in blood coagulation. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009].

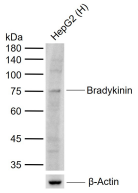
Applications: **WB** (1:500-2000)

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

Predicted MW.: 1.5/28/41/70 kDa

Subcellular Location: Secreted

VALIDATION IMAGES



Sample: Lane 1: Human HepG2 cell lysates Primary: Anti-Bradykinin (bs-10947R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 1.5/28/41/70 kDa Observed band size: 75 kDa

SELECTED CITATIONS

- **[IF=17.694]** Xiao Fei. et al. Reduced hepatic bradykinin degradation accounts for cold-induced BAT thermogenesis and WAT browning in male mice. NAT COMMUN. 2023 May;14(1):1-17 Other ;. 37130842