bs-13830R **[Primary Antibody]**

CELF3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 11189 **SWISS:** Q5SZQ8

Target: CELF3

Immunogen: KLH conjugated synthetic peptide derived from human CELF3: 401-465/465.

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: Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2010]

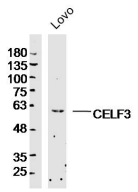
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Chicken)

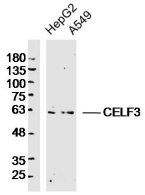
Predicted MW.: 52 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lovo (human)cell Lysate at 40 ug Primary: Anti- CELF3(bs-13830R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52kD Observed band size: 57kD



Sample: HepG2 (human)cell Lysate at 40 ug A549 (human)cell Lysate at 40 ug Primary: Anti-CELF3(bs-13830R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52kD Observed band size: 57kD

SELECTED CITATIONS

- **[IF=2.08]** Xianmin Meng. et al. MicroRNA-34a and microRNA-146a target CELF3 and suppress the osteogenic differentiation of periodontal ligament stem cells under cyclic mechanical stretch. J Dent Sci. 2021 Dec;: WB ;Human. 10.1016/j.jds.2021.11.011
- **[IF=0]** Ma P et al. Mass spectrometric analysis of active ingredients in fertilized egg for lipid metabolism. 29 January 2020, PREPRINT (Version 1) available at Research Square. WB ;chicken. doi:10.21203/rs.2.22228/v1