bs-1350R **[Primary Antibody]**

DAP5 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1982 **SWISS:** P78344

Target: DAP5

Immunogen: KLH conjugated synthetic peptide derived from human DAP-5: 41-150/907.

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: Death Associated Protein 5 (DAP5) is a 97 kDa protein with high amino acid sequence homology to Eukaryotic Translation Initiation Factor 4G (eIF4G). Compared with eIF4G, DAP5 lacks the N-terminal region necessary for cap-dependent translation and has a unique C-terminal part functioning as a regulator for interferon-gamma induced cell death. During apoptosis, DAP5 is cleaved at Asp790. The C-terminal truncated form of DAP5 functions as a cap-independent translation initiation factor responsible for the mediation of its own translation during apoptosis.

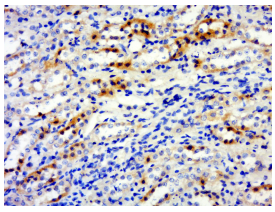
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

Predicted MW.: 102 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (EIF4G2) Polyclonal Antibody, Unconjugated (bs-1350R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=1.664]** Zhang PF et al. MicroRNA-139 suppresses hepatocellular carcinoma cell proliferation and migration by directly targeting Topoisomerase I. ONCOLOGY LETTERS 17: 1903-1913, 2019 WB ;Human. 10.3892/ol.2018.9746