bs-3647R **[Primary Antibody]**

RACK1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10399 **SWISS:** P63244

Target: RACK1

Immunogen: KLH conjugated synthetic peptide derived from human RACK1: 221-317/317.

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: RACK1 (receptor for activated C kinase 1) was identified through its binding to various PKC isoforms. Its main function is to recruit PKC and various other proteins to specific location to form multiprotein complexes, mediating various signal pathways.

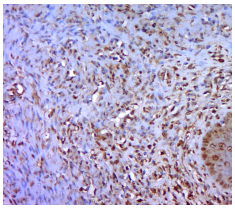
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:50)

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

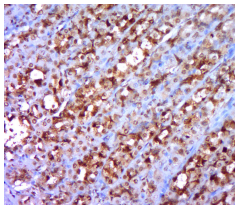
Predicted MW.: 35 kDa

Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

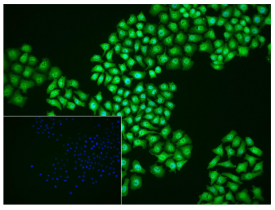
VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat uterus tissue); 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 (RACK1) Polyclonal Antibody, Unconjugated (bs-3647R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); 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 (RACK1) Polyclonal Antibody, Unconjugated (bs-3647R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



4% Paraformaldehyde-fixed HepG2(H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (RACK1) polyclonal Antibody, unconjugated (bs-3647R) 1:50, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.