

bs-5548R**[Primary Antibody]****phospho-Paxillin (Tyr88) Rabbit pAb****Bioss**
ANTIBODIES

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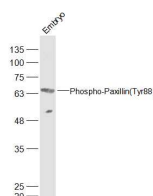
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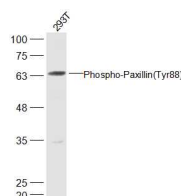
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5829**SWISS:** P49023**Target:** Paxillin (Tyr88)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human Paxillin around the phosphorylation site of Tyr88: PV(p-Y)GS.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

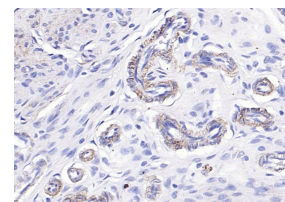
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Paxillin is a 64 kDa cytoskeletal adapter protein involved in organisation and function of focal adhesions, which are critical to cell adhesion and migration. This in turn plays a role in a wide variety of processes including embryogenesis, organogenesis, wound repair, inflammation and cancer. Paxillin contains LD motifs, LIM domains, SH3 and SH2 binding domains that serve as docking sites for cytoskeletal proteins, tyrosine kinases (e.g., FAK, Pyk 2, Src), serine/threonine kinases, GTPase activating proteins and other adaptor proteins (e.g., Actin, Vinculin, Crk).**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 68 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

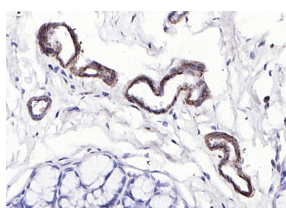
Sample: Embryo (Mouse) Lysate at 40 ug
 Primary: Anti-Phospho-Paxillin(Tyr88)
 (bs-5548R) at 1/500 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 68 kD Observed
 band size: 68 kD



Sample: 293T(Human) Cell Lysate at 30 ug
 Primary: Anti-Phospho-Paxillin(Tyr88)
 (bs-5548R) at 1/500 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 68 kD Observed
 band size: 68 kD



Paraformaldehyde-fixed, paraffin embedded (rat uterus); 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 (Phospho-Paxillin (Tyr88)) Polyclonal Antibody, Unconjugated (bs-5548R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat colon); 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

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goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Paxillin (Tyr88)) Polyclonal Antibody, Unconjugated (bs-5548R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.6]** Ying Zhang. et al. Fyn-Mediated Paxillin Tyrosine 31 Phosphorylation Regulates Migration and Invasion of Breast Cancer Cells. INT J MOL SCI. 2023 Jan;24(21):15980 WB ;Human. 37958964
- **[IF=4.452]** Jiang-Ni Wu. et al. SphK1-driven autophagy potentiates focal adhesion paxillin-mediated metastasis in colorectal cancer. 2021 Jul 16 WB ;Human. 34268882