bs-4095R **[Primary Antibody]**

CTNNBIP1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 56998 **SWISS:** Q9NSA3

Target: CTNNBIP1

Immunogen: KLH conjugated synthetic peptide derived from human CTNNBIP1: 3-70/81.

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: CTNNBIP1 (Catenin, beta interacting protein 1) binds to beta-catenin and prevents the interaction between beta-catenin and TCF transcription factor family members. It is a negative regulator of the Wnt signaling pathway.

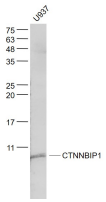
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

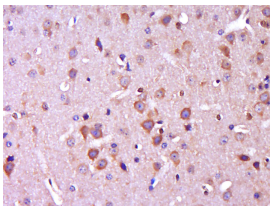
Predicted MW.: 9 kDa

Subcellular Location: Cytoplasm ,Nucleus

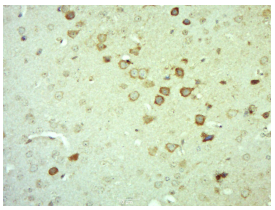
VALIDATION IMAGES



Sample: U937(Human) Cell Lysate at 30 ug Primary: Anti- CTNNBIP1 (bs-4095R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 9 kD Observed band size: 9 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain 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 (CTNNBIP1) Polyclonal Antibody, Unconjugated (bs-4095R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (CTNNBIP1) Polyclonal Antibody, Unconjugated (bs-4095R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=6.52]** Qi, Wei, et al. "Targeting the Wnt‐regulatory protein CTNNBIP1 by microRNA‐214 enhances the stemness and self‐renewal of cancer stem‐like cells in lung adenocarcinomas." STEM CELLS (2015). IHC ;="Human". 26299367
- **[IF=5.587]** Qi et al. Targeting the Wnt-Regulatory Protein CTNNBIP1 by microRNA-214 Enhances the Stemness and Self-Renewal of Cancer Stem-Like Cells in Lung Adenocarcinomas. (2015) Stem.Cells. 33(12):3423-36 IF ;Human. 26299367