bs-4095R

## [ Primary Antibody ]

# CTNNBIP1 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 56998 **SWISS:** Q9NSA3

Target: CTNNBIP1

Immunogen: KLH conjugated synthetic peptide derived from human CTNNBIP1:

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)

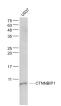
Reactivity: Human, Mouse

(predicted: Rat, Rabbit, Cow, Chicken, Horse)

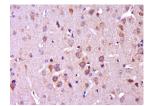
Predicted 9 kDa

**Subcellular Location:** Cytoplasm ,Nucleus

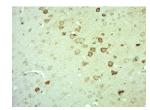
## VALIDATION IMAGES



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