bs-7837R

[Primary Antibody]

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IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

EB2 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 10982 **SWISS:** Q15555

Target: EB2

Immunogen: KLH conjugated synthetic peptide derived from human End

binding protein 2: 101-200/327.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Jan 2012].

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq,

Applications: WB (1:500-2000)

(predicted: Rat, Cow, Dog,

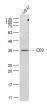
Horse)

Reactivity: Human, Mouse

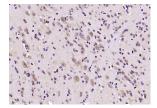
Predicted 36 kDa

Subcellular Cytoplasm Location:

VALIDATION IMAGES



Sample: U937(Human) Cell Lysate at 30 ug Primary: Anti- EB2 (bs-7837R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 35 kD



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum 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 (EB2) Polyclonal Antibody, Unconjugated (bs-7837R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.