bs-3515R

[Primary Antibody]

Bioss

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

– DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

ID2 Rabbit pAb

GenelD: 3398 **SWISS:** Q02363

Target: ID2

Immunogen: KLH conjugated synthetic peptide derived from human GIG8/ID2:

31-134/134.

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: The protein encoded by this gene belongs to the inhibitor of DNA

binding (ID) family, and may play a role in negatively regulating cell differentiation. Members of the ID family are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. They inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner, by suppressing their heterodimerization partners through the HLH

domains.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (2ug/Test)

Reactivity: Human, Rat

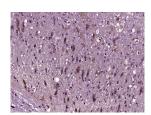
(predicted: Mouse, Rabbit, Pig, Cow, Chicken, Dog,

Horse)

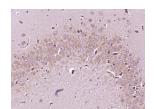
Predicted MW.: 15 kDa

Subcellular Cytoplasm , Nucleus

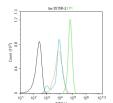
VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat spinal cord); 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 (ID2) Polyclonal Antibody, Unconjugated (bs-3515R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (ID2) Polyclonal Antibody, Unconjugated (bs-3515R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (black line) :Hela, Primary Antibody (green line): Rabbit Anti-ID2 antibody (bs-3515R) Dilution:2ug/Test; Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control (orange line): Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block nonspecific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.