

bs-13725R**[Primary Antibody]****PCDHB10 Rabbit pAb****Bioss**
ANTIBODIES

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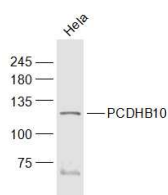
sales@bioss.com.cn

techsupport@bioss.com.cn

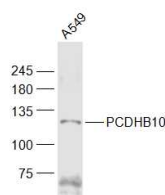
400-901-9800

— DATASHEET —

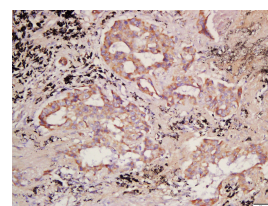
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit) Predicted MW.: 84 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 56126	SWISS: Q9UN67	
Target: PCDHB10		
Immunogen: KLH conjugated synthetic peptide derived from human PCDHB10: 351-450/800. < Extracellular >		
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: Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated a, b and g, all of which contain multiple tandemly-arranged genes. PCDHB10 (protocadherin b10), also known as PCHB10 or PCDH-b10, is an 800 amino acid protein that is one of 16 proteins in the protocadherin b cluster. Unlike the a and g gene clusters, whose genes are spliced to downstream constant-region exons during transcription, members of the b cluster (such as PCDHB10) do not use constant-region exons to produce mRNAs. As a result, each protocadherin b gene encodes the transmembrane, extracellular and short cytoplasmic domains of the protein. Localized to the cell membrane, PCDHB10 is a single-pass type I membrane protein that contains six cadherin domains.		

— VALIDATION IMAGES —

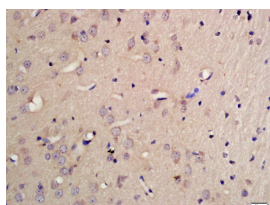
Sample: HeLa(Human) Cell Lysate at 30 ug
Primary: Anti-PCDHB10 (bs-13725R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 84 kD
Observed band size: 112 kD



Sample: A549(Human) Cell Lysate at 30 ug
Primary: Anti-PCDHB10 (bs-13725R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 84 kD
Observed band size: 112 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-PCDHB10 Polyclonal Antibody, Unconjugated(bs-13725R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Tissue/cell: rat brain tissue; 4%
Paraformaldehyde-fixed and paraffin-
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PCDHB10 Polyclonal Antibody, Unconjugated(bs-13725R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining