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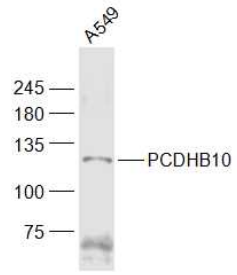
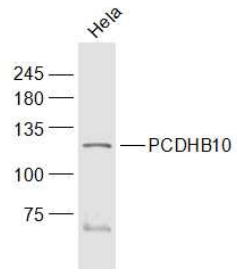
PCDHB10 Rabbit pAb

Catalog Number:	bs-13725R
Target Protein:	PCDHB10
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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 Locations:	Cell membrane
Entrez Gene:	56126
Swiss Prot:	Q9UN67
Source:	KLH conjugated synthetic peptide derived from human PCDHB10: 351-450/800.
Purification:	affinity purified by Protein A
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.

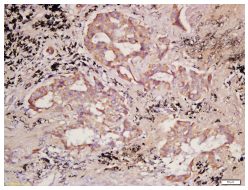
VALIDATION IMAGES



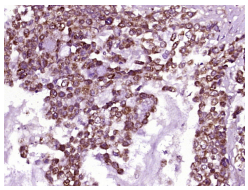
Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-PCDHB10 (bs-13725R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 84 kD Observed band size: 112 kD



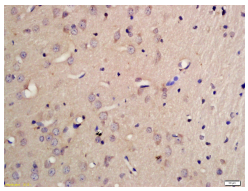
Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-PCDHB10 (bs-13725R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 84 kD Observed band size: 112 kD



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



Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); 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 (PCDHB10) Polyclonal Antibody, Unconjugated (bs-13725R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



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