PLEC Recombinant antibody

Catalog Number: 83898-1-RR

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Basic Information

Catalog Number: 83898-1-RR	**GenBank Accession Number:** NM_201380	**Purification Method:** Protein A purification
Size: 1000 ug/ml	**GeneID (NCBI):** 5339	**CloneNo.:** 240891A10
Source: Rabbit	**UNIPROT ID:** Q15149	**Recommended Dilutions:** WB 1:1000-1:8000
Isotype: IgG	**Full Name:** plectin 1, intermediate filament binding protein 500kDa	
Immunogen Catalog Number: AG29418	**Calculated MW:** 532 kDa	
	Observed MW: 510 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HaCaT cells, A431 cells, HEK-293 cells

Background Information

Plectin is a large (≥500-kDa) protein that is normally expressed in various tissues including skin, muscle, and brain. It binds to a number of cytoskeletal proteins including microtubules and intermediate filaments and is involved in establishment and dynamic modulation of the cytoskeletal network. In normal cells, it plays a crucial role in cytoskeleton network organization. In keratinocytes, plectin is concentrated at the basal surface, where it links intermediate filaments to the cytoplasmic domain of transmembrane glycoproteins such as integrin beta-4. (PMID: 24218614, PMID: 28281696, PMID: 23750011)

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
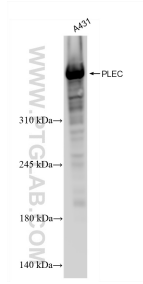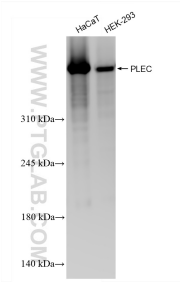T: 4006900926   E: Proteintech-CN@ptglab.com   W: ptgcn.com

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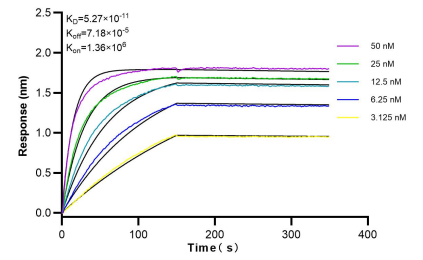
A431 cells were subjected to SDS PAGE followed by western blot with 83898-1-RR (PLEC antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.

Various lysates were subjected to SDS PAGE followed by western blot with 83898-1-RR (PLEC antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.

Biolayer interferometry (BLI) kinetic assays of 83898-1-RR against Human PLEC were performed. The affinity constant is 52.7 pM.