

Datasheet for ABIN7435127
anti-PLEC antibody (AA 175-400)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PLEC
Binding Specificity:	AA 175-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Plectin (PLEC)
Immunogen:	Recombinant Plectin (PLEC) corresponding to Asp175~Pro400 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PLEC. It has been selected for its ability to recognize PLEC in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

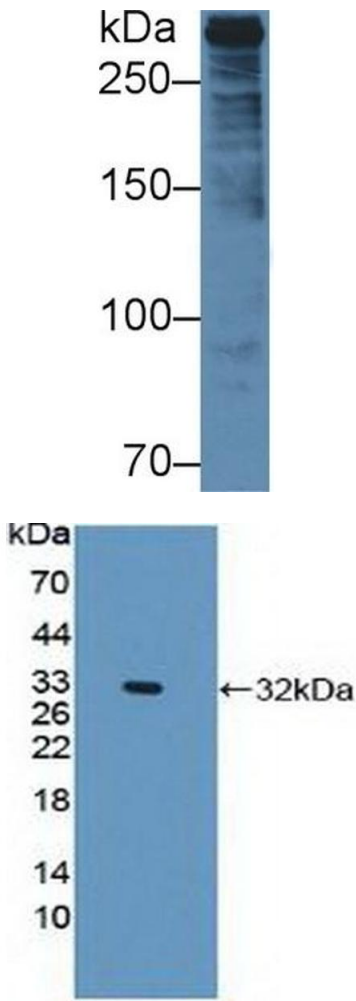
Target:	PLEC
Alternative Name:	Plectin (PLEC Products)
Background:	HD1, PCN, EBS1, EBSO, PLEC1b, PLTN, Hemidesmosomal protein 1, Intermediate Filament Binding Protein 500 kDa, Epidermolysis Bullosa Simplex 1(Ogna)

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of PLEC in Human U2OS cell lysate using Polyclonal Antibody to Plectin (PLEC)

Western Blotting

Image 2. Detection of Recombinant PLEC, Human using Polyclonal Antibody to Plectin (PLEC)