



Datasheet for ABIN7167086  
**anti-RANBP1 antibody (AA 3-165)**



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3 Images

Overview

Quantity:	100 µg
Target:	RANBP1
Binding Specificity:	AA 3-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RANBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Ran-binding protein 10 protein (3-165AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	RANBP1
Alternative Name:	RANBP1 ( <a href="#">RANBP1 Products</a> )
Background:	Background: Acts as a guanine nucleotide exchange factor (GEF) for RAN GTPase (By similarity). May play an essential role in hemostasis and in maintaining microtubule dynamics

## Target Details

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with respect to both platelet shape and function (By similarity). May act as an adapter protein to couple membrane receptors to intracellular signaling pathways. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation. In contrast to RANBP9, does not interact with Sos and does not activate the Ras pathway.

Aliases: FLJ31165 antibody, KIAA1464 antibody, RAN binding protein 10 antibody, Ran-binding protein 10 antibody, RanBP10 antibody, RBP10\_HUMAN antibody

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UniProt: [Q6VN20](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IP:1:200-1:2000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

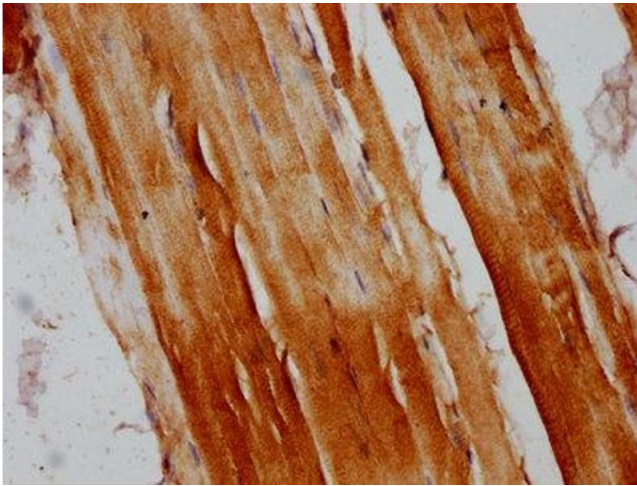
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

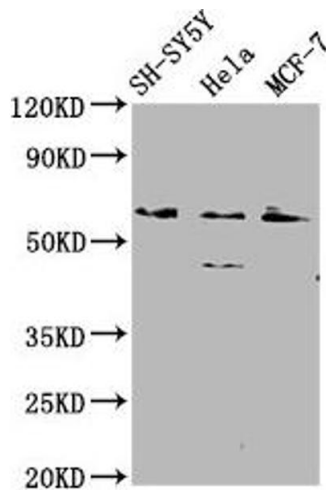
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



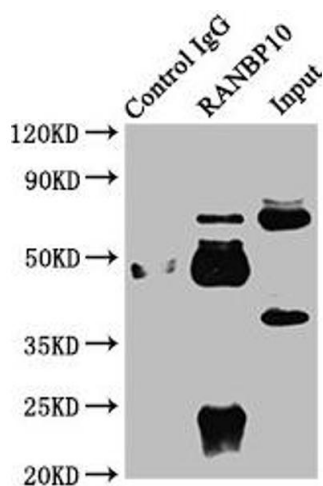
### Immunohistochemistry

**Image 1.** IHC image of ABIN7167086 diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate All lanes: RANBP10 antibody at 2.1 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 68, 59, 65 kDa Observed band size: 68 kDa



### Western Blotting

**Image 3.** Immunoprecipitating RANBP10 in Rat brain tissue Lane 1: Rabbit control IgG instead of ABIN7167086 in Rat brain tissue. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7167086 (6 µg) + Rat brain tissue (1 mg) Lane 3: Rat brain tissue (20 µg)