

Datasheet for ABIN500565
anti-RANBP10 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	RANBP10
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RANBP10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	RANBP10 antibody was raised against a 15 amino acid peptide near the center of human RANBP10.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

Target Details

Target:	RANBP10
Alternative Name:	RANBP10 (RANBP10 Products)

Target Details

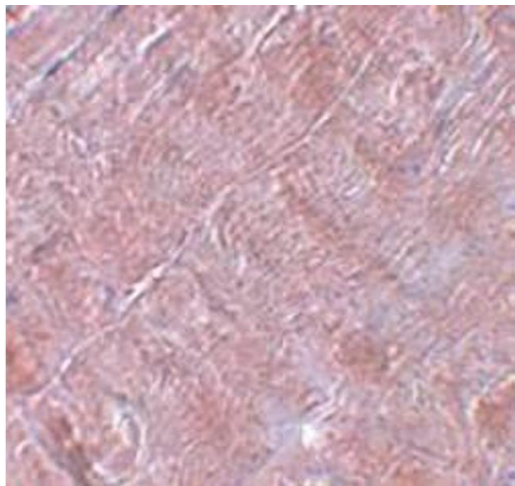
Background:	The RAN binding protein 10 (RANBP10) is a cytoplasmic guanine nucleotide exchange factor that shares high sequence similarity to the MET-interacting protein RANBP9. RANBP10 is expressed in the cytoplasm of mature megakaryocytes (MKs) and platelets where it localizes to polymerized noncentrosomal microtubules. RANBP10 possesses guanine nucleotide exchange factor activity towards RAN, a GTPase involved in nucleocytoplasmic traffic, spindle formation at mitosis, and nuclear envelope assembly during telophase, suggesting that RANBP10 may also be involved in these activities. RANBP10 depletion in vitro caused the disturbance of polymerized filaments in MKs and platelets in RANBP10-null mice exhibited disorders in microtubule filament numbers and localization, indicating that RANBP10 may play a significant role in maintaining microtubule dynamics.Synonyms: KIAA1464, Ran-binding protein 10
Gene ID:	57610
UniProt:	Q6VN20

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

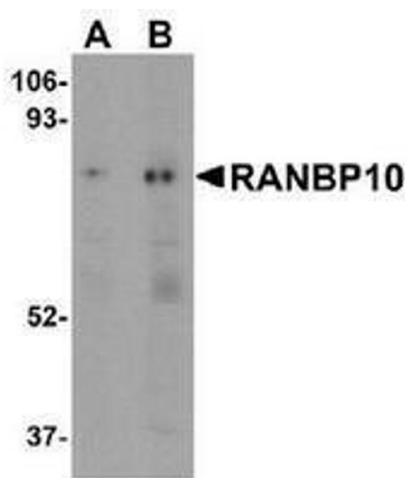
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry staining in human skeletal muscle tissue with RANBP10 Antibody at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of RANBP10 (arrow) in human skeletal muscle tissue lysate with RANBP10 Antibody at (A) 1 and (B) 2 µg/ml.