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Datasheet for ABIN7174401
anti-ZRANB1 antibody (AA 111-397)

3 Images

Overview

Quantity:	100 µL
Target:	ZRANB1
Binding Specificity:	AA 111-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZRANB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ubiquitin thioesterase ZRANB1 protein (111-397AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ZRANB1
Alternative Name:	ZRANB1 (ZRANB1 Products)
Background:	Background: Specifically hydrolyzes 'Lys-29'-linked and 'Lys-33'-linked diubiquitin. Also cleaves 'Lys-63'-linked chains, but with 40-fold less efficiency compared to 'Lys-29'-linked

Target Details

ones. Positive regulator of the Wnt signaling pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration. May also modulate TNF-alpha signaling.

Aliases: DKFZp762P2216 antibody, hTrabid antibody, Trabid antibody, TRAF-binding protein domain antibody, Ubiquitin thioesterase ZRANB1 antibody, Zinc finger Ran-binding domain-containing protein 1 antibody, ZRAN1_HUMAN antibody, ZRANB1 antibody

UniProt: [Q9UGI0](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

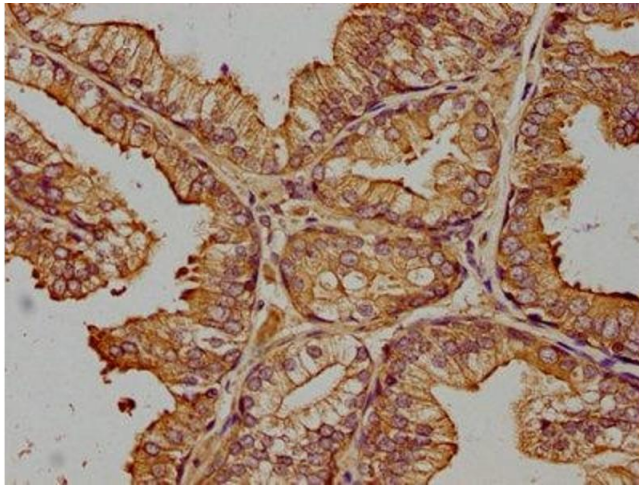
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

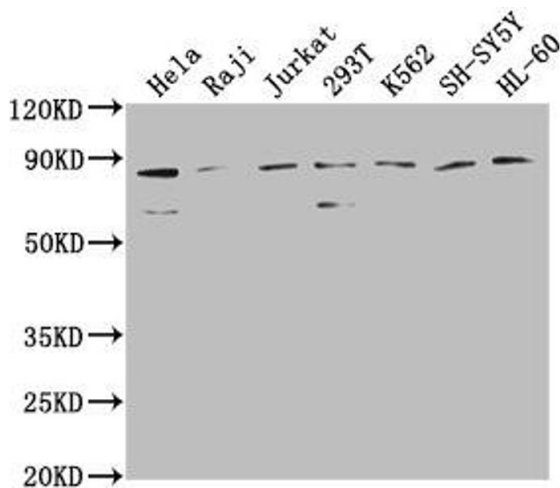
Storage: -20 °C,-80 °C

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



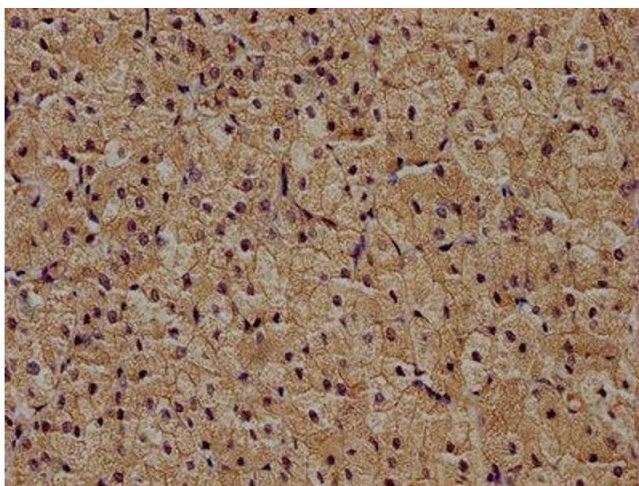
Immunohistochemistry

Image 1. IHC image of ABIN7174401 diluted at 1:400 and staining in paraffin-embedded human prostate cancer 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 30 min 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: HeLa whole cell lysate, Raji whole cell lysate, Jurkat whole cell lysate, 293T whole cell lysate, K562 whole cell lysate, SH-SY5Y whole cell lysate, HL-60 whole cell lysate All lanes: ZRANB1 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 81 kDa Observed band size: 81 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7174401 diluted at 1:400 and staining in paraffin-embedded human adrenal gland 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 30 min 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.