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Datasheet for ABIN7090750 **anti-ANKRD15 antibody**

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | ANKRD15 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This ANKRD15 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|--------------------------|
| Immunogen: | Recombinant human KANK1. |
| Clone: | Y6S1 |
| Predicted Reactivity: | Human |

Target Details

| | |
|-------------------|---|
| Target: | ANKRD15 |
| Alternative Name: | KANK1 (ANKRD15 Products) |
| Background: | <p>Synonyms: ANKRD 15, Ankyrin repeat domain 15, Ankyrin repeat domain containing protein 15, Ankyrin repeat domain-containing protein 15, DKFZp451G231, KANK, KANK1_HUMAN, KIAA0172, Kidney ankyrin repeat containing protein, Kidney ankyrin repeat-containing protein, KN motif and ankyrin repeat domain-containing protein 1, MGC43128.</p> <p>Background: Involved in the control of cytoskeleton formation by regulating actin</p> |

Target Details

polymerization. Inhibits actin fiber formation and cell migration. Inhibits RhoA activity, the function involves phosphorylation through PI3K/Akt signaling and may depend on the competitive interaction with 14-3-3 adapter proteins to sequester them from active complexes. Inhibits the formation of lamellipodia but not of filopodia, the function may depend on the competitive interaction with BAIAP2 to block its association with activated RAC1. Inhibits fibronectin-mediated cell spreading, the function is partially mediated by BAIAP2. Inhibits neurite outgrowth. Involved in the establishment and persistence of cell polarity during directed cell movement in wound healing. In the nucleus, is involved in beta-catenin-dependent activation of transcription. Potential tumor suppressor for renal cell carcinoma.

Gene ID: 23189

UniProt: [Q14678](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months