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Datasheet for ABIN2855950

## anti-ARF5 antibody

### 3 Images

#### Overview

Quantity:	100 µL
Target:	ARF5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARF5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human ARF5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ARF5 (ADP-ribosylation factor 5) ARF5 antibody
Purification:	Purified by antigen-affinity chromatography.

#### Target Details

Target:	ARF5
Alternative Name:	ADP ribosylation factor 5 ( <a href="#">ARF5 Products</a> )

## Target Details

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**Background:** ADP-ribosylation factor 5 (ARF5) is a member of the human ARF gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization. The ARF5 gene spans approximately 3.2kb of genomic DNA and contains six exons and five introns.

Cellular Localization: Golgi apparatus

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**Molecular Weight:** 21 kDa

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**Gene ID:** 381

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**UniProt:** [P84085](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 0.67 mg/mL

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**Buffer:** 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

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**Preservative:** ProClin

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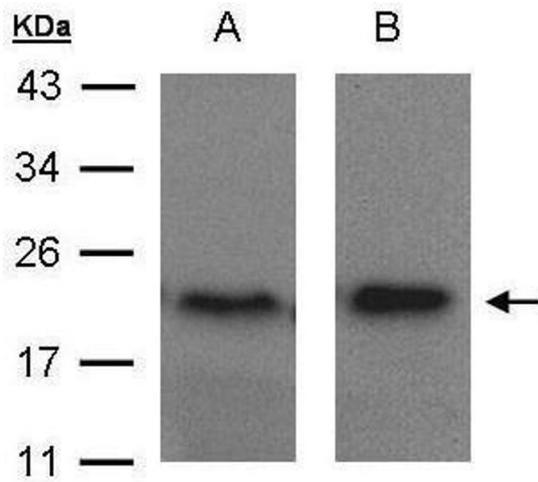
**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C,-20 °C

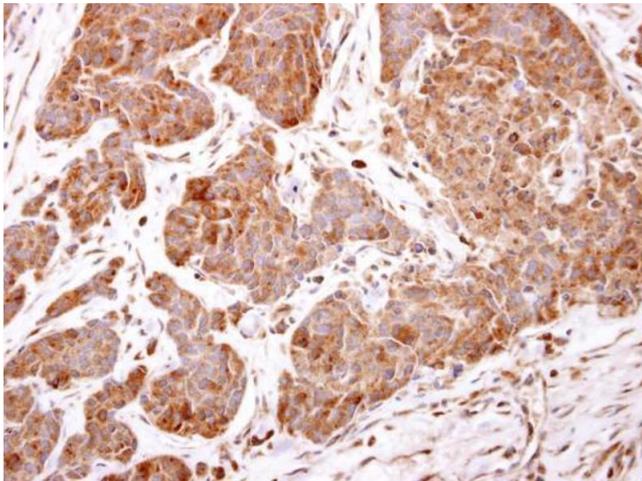
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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



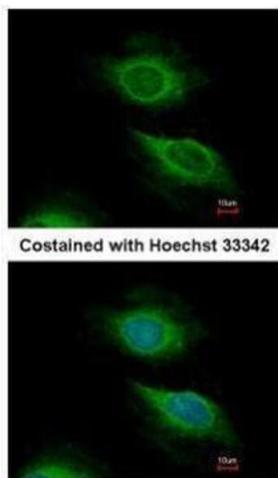
### Western Blotting

**Image 1.** WB Image Sample(30  $\mu$ g of whole cell lysate)  
A:MOLT4, B:Raji, 15% SDS PAGE antibody diluted at 1:1500



### Immunohistochemistry

**Image 2.** IHC-P Image ARF5 antibody detects ARF5 protein at cytosol on human breast carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. ARF5 antibody, dilution: 1:500.



### Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using ARF5, antibody at 1:500 dilution.