

## Datasheet for ABIN2774789 anti-RUFY1 antibody (C-Term)



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### Overview

Quantity:	100 µL
Target:	RUFY1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Cow, Zebrafish (Danio rerio), Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUFY1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human RUFY1
Sequence:	QCEKEFSISR RKHHCRNCGH IFCNTCSSNE LALPSYPKPV RVCDSCHTLL
Predicted Reactivity:	Cow: 85%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RUFY1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	RUFY1
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## Target Details

Alternative Name:	RUFY1 ( <a href="#">RUFY1 Products</a> )
Background:	<p>RUFY1 contains 1 FYVE-type zinc finger and 1 RUN domain. It binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking.</p> <p>Alias Symbols: FLJ22251, RABIP4, ZFYVE12</p> <p>Protein Interaction Partner: UBC, RAB3IP, RAB39B, TXNDC17, RUFY1, DIEXF, KLC4, PSME4, COPG1, COPZ1, TEL02, SART3, TTI1, COPB2, HCK, GIT2, PIAS2, TCF3, CCT8, VPS26A, RAB14, UBD, RABEP1, RAB5A, RAB4A, GRIK4, ITSN2, BMX, EPHA3,</p> <p>Protein Size: 600</p>
Molecular Weight:	69 kDa
Gene ID:	80230
NCBI Accession:	<a href="#">NM_001040452</a> , <a href="#">NP_001035542</a>
UniProt:	<a href="#">A8K7B1</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 600 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Bortnik, Choutka, Horlings, Leung, Baker, Lebovitz, Dragowska, Go, Bally, Minchinton, Gelmon, Gorski: "Identification of breast cancer cell subtypes sensitive to ATG4B inhibition." in: **Oncotarget**, Vol. 7, Issue 41, pp. 66970-66988, (2016) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-RUFY1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Transfected 293T