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Datasheet for ABIN2775870

## anti-ERGIC2 antibody (Middle Region)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	ERGIC2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERGIC2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ERGIC2
Sequence:	TVVPTKLHTY KISADTHQFS VTERERIINH AAGSHGVSGI FMKYDLSSLM
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ERGIC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	ERGIC2
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## Target Details

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Alternative Name:	ERGIC2 ( <a href="#">ERGIC2 Products</a> )
Background:	ERGIC2 belongs to the ERGIC family. It possible play role in transport between endoplasmic reticulum and Golgi. Alias Symbols: CDA14, Erv41, MGC111152, PTX1, cd002 Protein Interaction Partner: env, UBC, Copa, Protein Size: 377
Molecular Weight:	42 kDa
Gene ID:	51290
NCBI Accession:	<a href="#">NM_016570</a> , <a href="#">NP_057654</a>
UniProt:	<a href="#">Q96RQ1</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 377 AA
Restrictions:	For Research Use only

## Handling

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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.

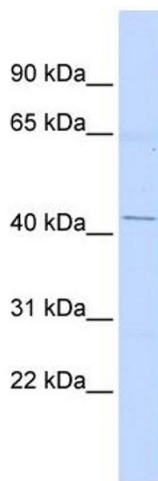
## Publications

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Product cited in: Sakamaki, Ishii, Sakata, Takemoto, Takagi, Takeuchi, Morishita, Takahashi, Nozawa, Shinoda, Chiba, Sugimoto, Saito, Tamate, Satou, Jung, Matsuoka, Koyamada, Sawasaki, Nagai, Ueno: "Dysregulation of a potassium channel, THIK-1, targeted by caspase-8 accelerates cell shrinkage." in: **Biochimica et biophysica acta**, Vol. 1863, Issue 11, pp. 2766-2783, (2016) ([PubMed](#)).

## Images

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### Western Blotting

**Image 1.** WB Suggested Anti-ERGIC2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung