

# RASEF Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15406

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8IZ41</a>
<b>Other Accession</b>	<a href="#">NM_152573</a> , <a href="#">NP_689786</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	82879

## Additional Information

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<b>Gene ID</b>	158158
<b>Alias Symbol</b>	FLJ31614, RAB45
<b>Other Names</b>	Ras and EF-hand domain-containing protein, Ras-related protein Rab-45, RASEF, RAB45
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-RASEF antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	RASEF Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RASEF
<b>Synonyms</b>	RAB45
<b>Function</b>	Binds predominantly GDP, and also GTP (PubMed: <a href="#">17448446</a> ). Acts as a dynein adapter protein that activates dynein-mediated transport and dynein-dynactin motility on microtubules (PubMed: <a href="#">30814157</a> ).
<b>Cellular Location</b>	Cytoplasm, perinuclear region
<b>Tissue Location</b>	Down-regulated in cutaneous melanoma cells but not in breast cancer cells.

## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

Humphray S.J.,et al.Nature 429:369-374(2004).

Mural R.J.,et al.Submitted (DEC-2006) to the EMBL/GenBank/DDBJ databases.

Joensuu G.,et al.J. Natl. Cancer Inst. 97:1377-1382(2005).

Shintani M.,et al.Biochem. Biophys. Res. Commun. 357:661-667(2007).

## Images

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Host: Rabbit

Target Name: RASEF

Sample Tissue: Fetal Kidney lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.