

# RASEF Antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI15406

#### **Product Information**

Application WB Primary Accession Q8IZ41

Other Accession <u>NM 152573</u>, <u>NP 689786</u>

**Reactivity**Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine **Predicted**Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 82879

#### **Additional Information**

**Gene ID** 158158

Alias Symbol FLJ31614, RAB45

Other Names Ras and EF-hand domain-containing protein, Ras-related protein Rab-45,

RASEF, RAB45

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

**Reconstitution & Storage** 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.

**Precautions** RASEF Antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

## **Protein Information**

Name RASEF

Synonyms RAB45

**Function** Binds predominantly GDP, and also GTP (PubMed: <u>17448446</u>). Acts as a

dynein adapter protein that activates dynein-mediated transport and

dynein-dynactin motility on microtubules (PubMed: 30814157).

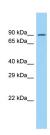
**Cellular Location** Cytoplasm, perinuclear region

**Tissue Location** Down-regulated in cutaneous melanoma cells but not in breast cancer cells.

### References

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. Joensson G.,et al.J. Natl. Cancer Inst. 97:1377-1382(2005). Shintani M.,et al.Biochem. Biophys. Res. Commun. 357:661-667(2007).

## **Images**



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'.