10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RHBDD2 Antibody

Catalog # ASC11033

Product Information

Application	WB, IF, E
Primary Accession	Q6NTF9
Other Accession	NP_001035546, 94818790
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39202
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	RHBDD2 antibody can be used for detection of RHBDD2 by Western blot at 1 - 2 □g/mL. For immunofluorescence start at 20 □g/mL.

Additional Information

Gene ID	57414
Other Names	Rhomboid domain-containing protein 2, RHBDD2, RHBDL7
Target/Specificity	RHBDD2;
Reconstitution & Storage	RHBDD2 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	RHBDD2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RHBDD2
Synonyms	RHBDL7
Cellular Location	Golgi apparatus, cis-Golgi network membrane; Multi-pass membrane protein

Background

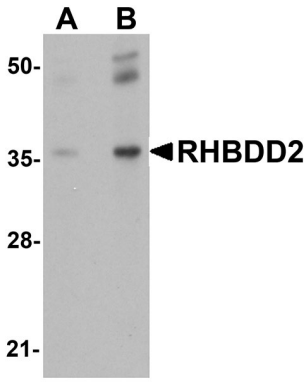
RHBDD2 Antibody: The Rhomboid family of proteins is made up of several widely conserved polytopic membrane serine proteases that play roles in growth and development. Little is known about the role of RHBDD2. Its overexpression in breast carcinoma appears to be an indicator of poor prognosis and may play

a role in breast cancer progression. The related proteins RHBDD1 and RHBDD3 are both involved in the regulation of apoptosis, suggesting that RHBDD2 may also be involved in the modulation of apoptotic activity.

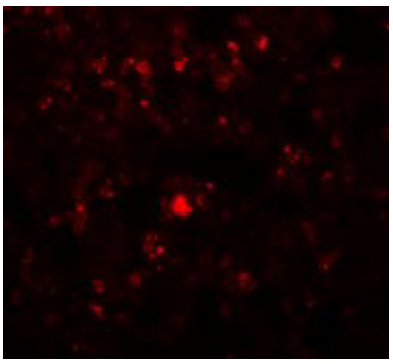
References

Koonin EV, Makarova KS, Rogozin IB, et al. The rhomboids: a nearly ubiquitous family of intramembrane serine proteases that probably evolved by multiple horizontal gene transfers. Genome Biol.2003; 4:R19.
Abba MC, Sun H, Hawkins KA, et al. Breast cancer molecular signatures as determined by SAGE: correlation with lymph node status. Mol. Cancer Res.2007; 5:881-90.
Abba MC, Lacunza E, Nunez MI, et al. Rhomboid domain containing 2 (RHBDD2): a novel cancer-related gene over-expressed in breast cancer. Biochim. Biophys. Acta2009; 1792:988-97.
Wang Y, Guan X, Fok KL, et al. A novel member of the rhomboid family, RHBDD1, regulates BIK-mediated apoptosis. Cell Mol. Life Sci.2008; 65:3822-9.

Images



Western blot analysis of RHBDD2 in rat lung tissue lysate with RHBDD2 antibody at (A) 1 and (B) 2 µg/mL.



Immunofluorescence of RHBDD2 in Rat Lung cells with RHBDD2 antibody at 20 µg/mL.

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