

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse TRIM32 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human TRIM32 Arg105-Lys204 Accession # Q13049
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

TRIM32 (Tripartite motif-containing protein 32; also 72 kDa TAT-interacting protein, and zinc finger protein HT2A) is a 72-82 kDa member of the TRIM/RBCC family of proteins. It is an E3 ligase that is found in structures termed nuclear and cytoplasmic bodies. Cells known to express TRIM32 are diverse and include fibroblasts, keratinocytes, skeletal muscle cells and neurons. TRIM32 ubiquitinates select proteins such as c-myc, Abi2, actin and dysbindin. Human TRIM32 is 653 amino acids (aa) in length. It contains one E3 ligase RING finger domain (aa 20-65), a B-Box type zinc-finger region (aa 103-133), a coiled-coil region (aa 138-197), five NHL repeats (aa 358-646) and three utilized phosphorylation sites (Ser328/335/339). TRIM32 has the potential to form homomultimers. Over aa 105-204, human TRIM32 exhibits 95% aa identity with mouse TRIM32.

PRODUCT SPECIFIC NOTICES

This product is provided under an agreement between Life Technologies Corporation and R&D Systems, Inc, and the manufacture, use, sale or import of this product is subject to one or more US patents and corresponding non-US equivalents, owned by Life Technologies Corporation and its affiliates. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components (1) in manufacturing; (2) to provide a service, information, or data to an unaffiliated third party for payment; (3) for therapeutic, diagnostic or prophylactic purposes; (4) to resell, sell, or otherwise transfer this product or its components to any third party, or for any other commercial purpose. Life Technologies Corporation will not assert a claim against the buyer of the infringement of the above patents based on the manufacture, use or sale of a commercial product developed in research by the buyer in which this product or its components was employed, provided that neither this product nor any of its components was used in the manufacture of such product. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, Cell Analysis Business Unit, Business Development, 29851 Willow Creek Road, Eugene, OR 97402, Tel: (541) 465-8300. Fax: (541) 335-0354.