Human/Mouse TRIM32 Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: AF6515G
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse TRIM32 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human TRIM32 Arg105-Lys204 Accession # Q13049
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

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