Product datasheet

Anti-TRIM36 Antibody

Catalog Number: *A10270-3*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-TRIM36 Antibody
Gene Name	TRIM36
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human TRIM36 recombinant protein (Position: E143-K642).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	83 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-400 Flow Cytometry (Fixed): 1:50-200 Enzyme linked immunosorbent assay (ELISA): 1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.

Reference

Anti-TRIM36 Antibody被引用在1文献中。

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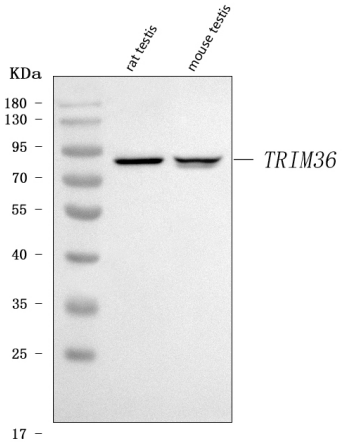
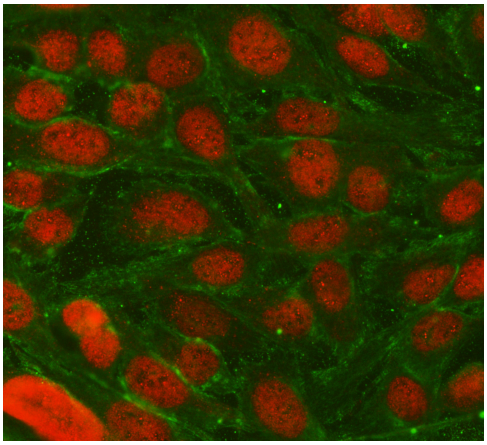
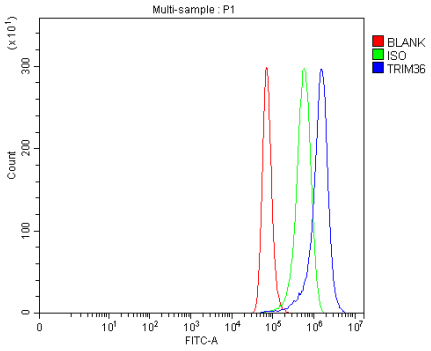
Selected Validation Data



Western blot analysis of TRIM36 using anti-TRIM36 antibody (A10270-3).
The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: rat testis tissue lysates,
Lane 2: mouse testis tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-TRIM36 antigen affinity purified polyclonal antibody (A10270-3) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for TRIM36 at approximately 83 kDa. The expected band size for TRIM36 is at 83 kDa.



IF analysis of TRIM36 using anti-TRIM36 antibody (A10270-3) and anti-Alpha Tubulin antibody (M03989-3).
TRIM36 was detected in an immunocytochemical section of U2OS cells. The section was incubated with rabbit anti-TRIM36 Antibody (A10270-3) at a dilution of 1:100. Cy3-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog#BA1032) and Dylight488-conjugated Anti-mouse IgG Secondary Antibody (Green) (Catalog # BA1126) were used as secondary antibody.



Flow Cytometry analysis of Hela cells using anti-TRIM36 antibody (A10270-3).
Overlay histogram showing Hela cells stained with A10270-3 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRIM36 Antibody (A10270-3) at 1:100 dilution for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG at 1:100 dilution used under

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the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.