



Anti-TRIM25 (Tripartite motif-containing protein 25) Phospho-Polyclonal Antibody

Category: Phospho-Polyclonal Antibody

Catalog #: S100 Phospho-AB4A283(Phospho Site: 100S)

Antigen Synonym: EFP (Estrogen-responsive finger protein), RNF147 (RING finger protein 147), ZNF147 (Zinc finger protein 147)

Species Reactivity: Human

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human TRIM25 (Tripartite motif-containing protein 25)

Description: TRIM25 (Tripartite motif-containing protein 25) 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. The protein localizes to the cytoplasm. The presence of potential DNA-binding and dimerization-transactivation domains suggests that this protein may act as a transcription factor, similar to several other members of the TRIM family. Expression of TRIM25 is upregulated in response to estrogen, and it is thought to mediate estrogen actions in breast cancer as a primary TRIM25 contains 1 B30.2/SPRY domain and 1 RING-type zinc finger.

Reference:

Inoue,S., et al, Proc. Natl. Acad. Sci. U.S.A. 90 (23), 11117-11121 (1993)

Rush,J., et al, Nat. Biotechnol. 23 (1), 94-101 (2005)

Imami,K., et al, Anal Sci 24 (1), 161-166 (2008)

Dephoure,N., et al, Proc. Natl. Acad. Sci. U.S.A. 105 (31), 10762-10767 (2008)

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