

TRIM25 polyclonal antibody

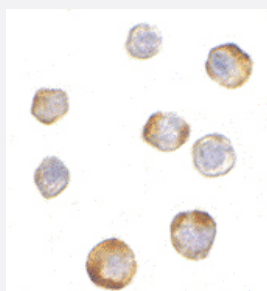
Catalog # PAB13294 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TRIM25 in human thymus tissue lysate in (A) the absence and (B) presence of blocking peptide with TRIM25 polyclonal antibody (Cat # PAB13294) at 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of TRIM25 in HeLa cells with TRIM25 polyclonal antibody (Cat # PAB13294) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRIM25.
Immunogen	A synthetic peptide corresponding to N-terminus 15 amino acids of human TRIM25.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Immunocytochemistry

Immunocytochemistry of TRIM25 in HeLa cells with TRIM25 polyclonal antibody (Cat # PAB13294) at 5 ug/mL .

Gene Info — TRIM25

Entrez GeneID	7706
Protein Accession#	NP_005073
Gene Name	TRIM25
Gene Alias	EFP, RNF147, Z147, ZNF147
Gene Description	tripartite motif-containing 25
Omim ID	600453
Gene Ontology	Hyperlink
Gene Summary	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. 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 the gene is upregulated in response to estrogen, and it is thought to mediate estrogen actions in breast cancer as a primary response gene. [provided by RefSeq]
Other Designations	estrogen-responsive finger protein tripartite motif protein TRIM25 zinc finger protein 147 (estrogen-responsive finger protein) zinc finger protein-147

Publication Reference

- [Analysis of estrogen-responsive finger protein expression in benign and malignant human breast.](#)

Thomson SD, Ali S, Pickles L, Taylor J, Pace PE, Lymboura M, Shousha S, Coombes RC.

International Journal of Cancer 2001 Jan; 91(2):152.

Application: ICC, IF, IHC-P, WB-Tr, Human, Monkey, COS-1, MCF-7 cells, Human breast cancer

- [Underdeveloped uterus and reduced estrogen responsiveness in mice with disruption of the estrogen-responsive finger protein gene, which is a direct target of estrogen receptor alpha.](#)

Orimo A, Inoue S, Minowa O, Tominaga N, Tomioka Y, Sato M, Kuno J, Hiroi H, Shimizu Y, Suzuki M, Noda T, Muramatsu M.

PNAS 1999 Oct; 96(21):12027.

Application: WB-Ti, Mouse, Uterus

- [Genomic binding-site cloning reveals an estrogen-responsive gene that encodes a RING finger protein.](#)

Inoue S, Orimo A, Hosoi T, Kondo S, Toyoshima H, Kondo T, Ikegami A, Ouchi Y, Orimo H, Muramatsu M.

PNAS 1993 Dec; 90(23):11117.

Application: WB-Ce, WB-Tr, Human, Monkey, COS-7, HBL-100 cells

Disease

- [Diabetes Mellitus](#)