

ARG40744 anti-TRIM25 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TRIM25
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM25
Species	Human
Immunogen	Synthetic peptide derived from Human TRIM25.
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.19; ZNF147; EFP; Ubiquitin/ISG15-conjugating enzyme TRIM25; Tripartite motif-containing protein 25; Z147; E3 ubiquitin/ISG15 ligase TRIM25; EC 6.3.2.n3; Zinc finger protein 147; Estrogen-responsive finger protein; RNF147; RING finger protein 147

Application Instructions

Application table	Application	Dilution
	FACS	1:60
	ICC/IF	1:100 - 1:500
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:1000 - 1:5000
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

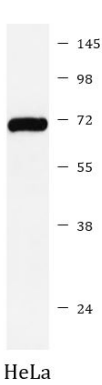
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	TRIM25
Gene Full Name	tripartite motif containing 25
Background	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, Jul 2008]
Function	Functions as a ubiquitin E3 ligase and as an ISG15 E3 ligase. Involved in innate immune defense against viruses by mediating ubiquitination of DDX58. Mediates 'Lys-63'-linked polyubiquitination of the DDX58 N-terminal CARD-like region which is crucial for triggering the cytosolic signal transduction that leads to the production of interferons in response to viral infection. Promotes ISGylation of 14-3-3 sigma (SFN), an adapter protein implicated in the regulation of a large spectrum signaling pathway. Mediates estrogen action in various target organs. [UniProt]
Calculated Mw	71 kDa
PTM	Auto-ISGylated. [UniProt]
Cellular Localization	Cytoplasm. Note=Colocalized with DDX58 at cytoplasmic perinuclear bodies. [UniProt]

Images



ARG40744 anti-TRIM25 antibody WB image

Western blot: HeLa cell lysate stained with ARG40744 anti-TRIM25 antibody.