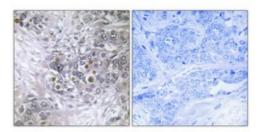


Anti-EFP antibody





Description	Rabbit polyclonal to EFP.

Model STJ92843

Host Rabbit

Reactivity Human

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human EFP

Immunogen Region 180-260 aa, Internal

Gene ID <u>7706</u>

Gene Symbol TRIM25

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000

Specificity EFP Polyclonal Antibody detects endogenous levels of EFP protein.

Tissue Specificity Expressed in breast tumors (at protein level). Ubiquitous.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name E3 ubiquitin/ISG15 ligase TRIM25 Estrogen-responsive finger protein RING

finger protein 147 RING-type E3 ubiquitin transferase RING-type E3 ubiquitin transferase TRIM25 Tripartite motif-containing protein 25

Ubiquitin/I

Molecular Weight 71 kDa

Clonality Polyclonal

Unconjugated Conjugation

IgG Isotype

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. **Formulation**

1 mg/ml Concentration

Store at -20°C, and avoid repeat freeze-thaw cycles. **Storage Instruction**

HGNC:12932OMIM:600453 **Database Links**

Alternative Names E3 ubiquitin/ISG15 ligase TRIM25 Estrogen-responsive finger protein RING

> finger protein 147 RING-type E3 ubiquitin transferase RING-type E3 ubiquitin transferase TRIM25 Tripartite motif-containing protein 25

Ubiquitin/I

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 Nterminal 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. Mediates the ubiquitination and

subsequent proteasomal degradation of ZFHX3.

The RING-type zinc finger is important for ISG15 E3 ligase activity and **Sequence and Domain Family**

> autoISGylation. AutoISGylation negatively regulates ISG15 E3 ligase activity.; The C-terminal B30.2/SPRY domain interacts with the first N-

terminal CARD domain of DDX58.

Cytoplasm. Colocalized with DDX58 at cytoplasmic perinuclear bodies. **Cellular Localization**

Post-translational Auto-ISGylated.

Modifications

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