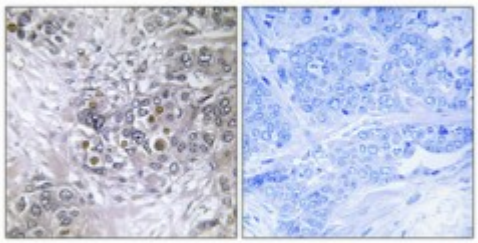
Anti-EFP antibody



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	7706
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
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12932OMIM:600453
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 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. Mediates the ubiquitination and subsequent proteasomal degradation of ZFHX3 .
Sequence and Domain Family	The RING-type zinc finger is important for ISG15 E3 ligase activity and 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.
Cellular Localization	Cytoplasm. Colocalized with DDX58 at cytoplasmic perinuclear bodies.
Post-translational Modifications	Auto-ISGylated.