

## Product datasheet for **TA324674**

### Estrogen Receptor 1 (ESR1) Rabbit Polyclonal Antibody

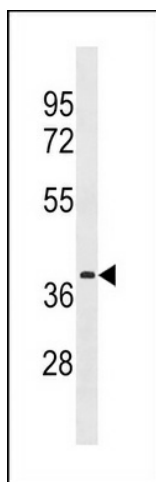
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1:1000, IF: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This ESR1 isoform4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-300 amino acids from the Central region of human ESR1 isoform4.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66216 Da
Gene Name:	estrogen receptor 1
Database Link:	<a href="#">NP_000116</a> <a href="#">Entrez Gene 2099 Human</a> <a href="#">P03372</a>
Synonyms:	ER; Era; ESR; ESRA; ESTRR; NR3A1
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

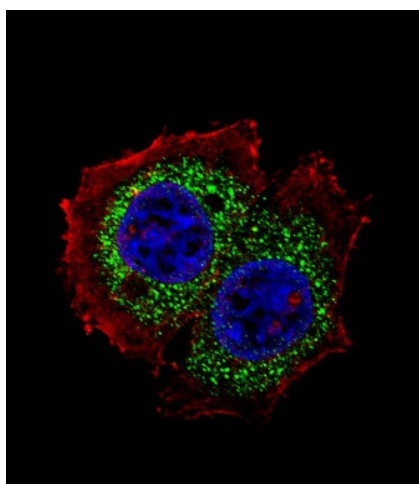


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## Product images:



ESR1 isoform4 Antibody (Center) (Cat. #TA324674) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the ESR1 isoform4 antibody detected the ESR1 isoform4 protein (arrow).



IF image of MCF-7 cell stained with ESR1 isoform4 Antibody (Center) (Cat#TA324674). MCF-7 cells were incubated with ESR1 isoform4 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml). Nuclei were counterstained with DAPI (blue). ESR1 isoform4 immunoreactivity is localized to cytoplasm significantly.