

## Product datasheet for **TA307238**

### ETS1 Rabbit Monoclonal Antibody [Clone ID: EPR546(2)]

#### Product data:

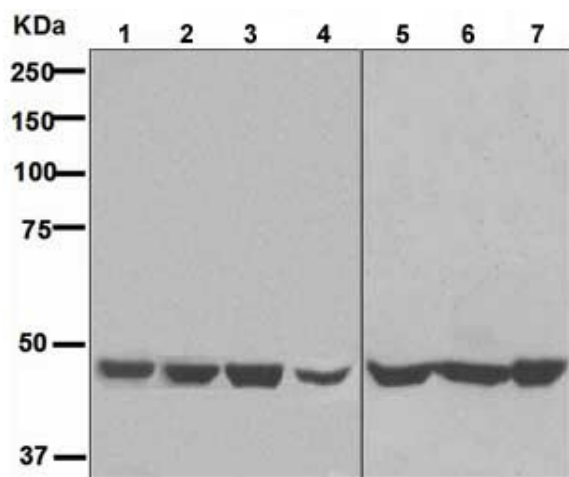
Product Type:	Primary Antibodies
Clone Name:	EPR546(2)
Applications:	WB
Recommended Dilution:	WB: 1:1000 - 1:10000; FC: 1:10 - 1:100
Reactivity:	Mouse, Human (Does not react with: Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues in human ETS1 was used as an immunogen.
Formulation:	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ETS proto-oncogene 1, transcription factor
Database Link:	<a href="#">NP_005229</a> <a href="#">Entrez Gene 23871 Mouse</a> <a href="#">Entrez Gene 24356 Rat</a> <a href="#">Entrez Gene 2113 Human</a> <a href="#">P14921</a>
Background:	ETS transcriptions factors, such as ETS1, regulate numerous proteins and are involved in stem cell development, cell senescence and death, and tumorigenesis (1). Furthermore, it regulates the expression of several angiogenic and extracellular matrix remodeling factors promoting an invasive phenotype (2). The conserved ETS domain within ETS1 is a winged helix-turn-helix DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T of target proteins (2). ETS-1 is expressed in a variety of cells, including endothelial cells, vascular smooth muscle cells and epithelial cells (2).
Synonyms:	ETS-1; EWSR2; p54
Note:	Is unsuitable for ICC, IHC-P or IP.
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways: Dorso-ventral axis formation, Pathways in cancer, Renal cell carcinoma

### Product images:



Western blot - ETS1 antibody [EPR546 (2)]; All lanes : Anti-ETS1 antibody [EPR546 (2)] at 1/1000 dilution. Lane 1 : MCF-7 cell lysate. Lane 2 : Daudi cell lysate. Lane 3 : Molt-4 cell lysate. Lane 4 : PBMC lysate. Lane 5 : HepG2 cell lysate. Lane 6 : Jurkat cell lysate. Lane 7 : Saos-2 cell lysate. Lysates/proteins at 10 ug per lane. Predicted band size : 50 kDa.