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anti-ETS1 antibody (pThr38)

3 Images



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Overview	
Quantity:	100 μL
Target:	ETS1
Binding Specificity:	pThr38
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)
Product Details	
Immunogen:	Peptide sequence around phosphorylation site of threonine 38(L-L-T(p)-P-S) derived from Human ETS1 .
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Target Details	
Target:	ETS1
Alternative Name:	Ets1 (ETS1 Products)
Background:	Background:

Transcription factor. Directly controls the expression of cytokine and chemokine genes in a wide variety of different cellular contexts. May control the differentiation, survival and proliferation of lymphoid cells. May also regulate angiogenesis through regulation of expression of genes controlling endothelial cell migration and invasion.

Tsukasa Higuchi, Mol. Cell. Biol., May 2007, 27: 3353 - 3366.

NK Bhat, PNAS, May 1990, 87: 3723.

H Suzuki, PNAS, May 1995, 92: 4442.

V Fafeur, Cell Growth Differ., Jun 1997, 8: 655.

Aliases: Ets1 antibody, Ets-1Protein C-ets-1 antibody, p54 antibody

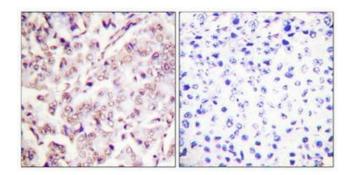
UniProt:

P27577

Application Details

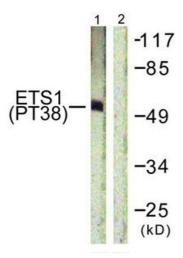
Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100, IF:1:100-1:200,	
Restrictions:	For Research Use only	
Handling		
Format ⁻	Liquid	

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



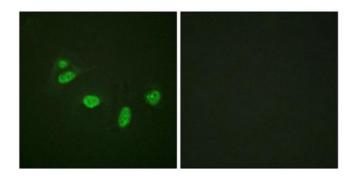
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue, using ETS1 (Phospho-Thr38) antibody (left)or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from HepG2 cells using ETS1 (Phospho-Thr38) Antibody. The lane on the right is treated with the antigen-specific peptide.



Immunofluorescence

Image 3. Immunofluorescence staining of methanol-fixed HeLa cells using ETS1 (Phospho-Thr38) Antibody.