Anti-ETS1 (phospho T38) antibody ab59179

Overview

Product name: Anti-ETS1 (phospho T38) antibody
Description: Rabbit polyclonal to ETS1 (phospho T38)
Host species: Rabbit
Specificity: Detects endogenous levels of ETS1 only when phosphorylated at threonine 38.
Tested applications: Suitable for: IHC-P
Species reactivity: Reacts with: Human
Predicted to work with: Mouse
Immunogen: Synthetic phosphopeptide from around the phosphorylation site of threonine 38 (LLT<sub>PS</sub>) of human ETS1

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
 Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride

Purity: Immunogen affinity purified
Purification notes: Affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab59179 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Transcription factor.

Sequence similarities
Belongs to the ETS family.
Contains 1 ETS DNA-binding domain.
Contains 1 PNT (pointed) domain.

Post-translational modifications
Sumoylated on Lys-15 and Lys-227, preferentially by SUMO2; which inhibits transcriptional activity.
Ubiquitinated; which induces proteasomal degradation.

Cellular localization
Nucleus.

Images

Immunohistochemical analysis of paraffin embedded human breast carcinoma tissue using ab59179 at 1/50 dilution. Left: untreated. Right: sample treated with immunising peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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