SRF (Phospho Thr159) Rabbit pAb

CatalogNo: YP1109

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• IHC,IF,ELISA

MW	Isotype
• 52kD (Calculated)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300
ELISA 1:5000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human SRF around the phosphorylation site of Thr159. AA range:126-175
Specificity	Phospho-SRF (T159) Polyclonal Antibody detects endogenous levels of SRF protein only when phosphorylated at T159.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RYtTF

Target Information

Gene name SRF

Protein Name Serum response factor

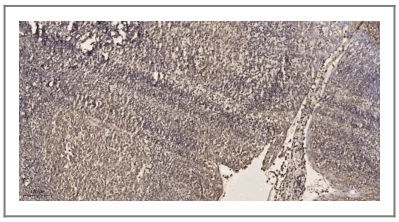
Organism	Gene ID	UniProt ID
Human	6722;	P11831;
Mouse	20807;	Q9JM73;

Cellular Localization Nucleus .

Tissue specificity Brain ,Epithelium ,Lung ,Lymph ,

Function Function:SRF is a transcription factor that binds to the serum response element (SRE) , a short sequence of dyad symmetry located 300 bp to the 5' of the site of transcription initiation of some genes (such as FOS) . Required for cardiac differentation and maturation. ,PTM:Phosphorylated by PRKDC. ,similarity:Contains 1 MADS-box domain. ,subunit:Binds DNA as a multimer , probably a dimer. Interacts with MLLT7/FOXO4 , NKX3A and SSRP1. Interacts with ARID2 and SRFBP1 (By similarity) . Forms complexes with ARID2 , MYOCD , NKX2-5 and SRFBP1. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4℃ overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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