

Datasheet for ABIN2668813
anti-SRF antibody



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Overview

Quantity:	100 µg
Target:	SRF
Reactivity:	Human, Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This SRF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	This antibody was raised against a full-length protein corresponding to mouse SRF.
Clone:	2C5
Isotype:	IgG2a
Purification:	Protein G Chromatography

Target Details

Target:	SRF
Alternative Name:	SRF (SRF Products)
Molecular Weight:	67 kDa
Gene ID:	20807

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Storage: -20 °C

Storage Comment: Antibodies in solution can be stored at -20 °C for 2 years.

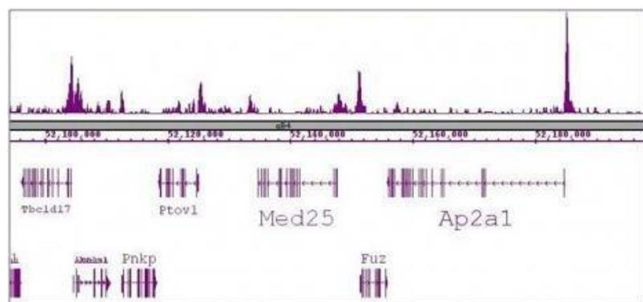
Expiry Date: 6 months

Publications

Product cited in:

Werfel, Jungmann, Lehmann, Ksienzyk, Bekeredjian, Kaya, Leuchs, Nordheim, Backs, Engelhardt, Katus, Müller: "Rapid and highly efficient inducible cardiac gene knockout in adult mice using AAV-mediated expression of Cre recombinase." in: **Cardiovascular research**, Vol. 104, Issue 1, pp. 15-23, (2014) ([PubMed](#)).

Koegel, von Tobel, Schäfer, Alberti, Kremmer, Mauch, Hohl, Wang, Beer, Bloch, Nordheim, Werner: "Loss of serum response factor in keratinocytes results in hyperproliferative skin disease in mice." in: **The Journal of clinical investigation**, Vol. 119, Issue 4, pp. 899-910, (2009) ([PubMed](#)).



ChIP DNA-Sequencing

Image 1. SRF antibody (mAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT® High Sensitivity Kit (Cat. No. 53040) with 30 ug of chromatin from mouse heart and 4 µg of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 20 million sequence tags were mapped to identify SRF binding sites. The image shows binding across a region of chromosome 7. You can view the complete data set in the UCSC Genome Browser, starting at this specific location, [here](#).