

Datasheet for ABIN1742561
anti-SRA1 antibody (AA 519-556)[Go to Product page](#)

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Overview

Quantity:	100 µg
Target:	SRA1
Binding Specificity:	AA 519-556
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide CDWETGHEPFNDPALRGEKDPKSGFDIKVPRRAVGPS (aa 519-556 in mouse Sra 1b) coupled to key-hole limpet hemocyanin via an internal N-terminal cysteine residue.
Clone:	30A4
Isotype:	IgG1
Specificity:	Specific for Sra 1
Cross-Reactivity (Details):	may cross-react with CYFIP 2/PIR 121 due to high sequence homology.
Purification:	purified IgG. Azide was added before lyophilization.

Target Details

Target:	SRA1
Alternative Name:	Sra 1 (SRA1 Products)

Target Details

Background:	Synonyms: CYFIP 1
Pathways:	EGFR Signaling Pathway , Stem Cell Maintenance , Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development

Application Details

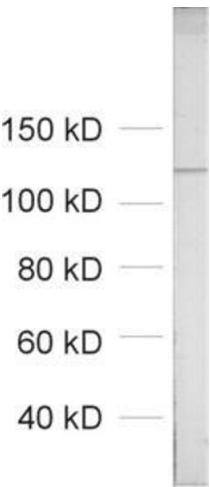
Application Notes:	WB: 1 : 100 up to 1 : 2000 (AP staining)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS, 0.02% 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:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

Publications

Product cited in:	Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: PLoS ONE , Vol. 7, Issue 8, pp. e42422, (2012) (PubMed).
	Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: Molecular biology of the cell , Vol. 17, Issue 6, pp. 2581-91, (2006) (PubMed).



Western Blotting

Image 1.