Datasheet for ABIN969416

anti-SRA1 antibody

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Overview

Quantity:	100 µL
Target:	SRA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SRA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of SRA expressed in E. coli.
Clone:	1D4H8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SRA1
Alternative Name:	SRA (SRA1 Products)
Background:	Description: Steroid receptor RNA activator 1 (SRA), with 237-amino acid protein (about 27 kDa), belongs to the growing family of functional non-coding RNAs. SRA was originally described as the first functional noncoding RNA able to specifically coactivate the activity of steroid receptors. Specifically, SRA exists as both an RNA transcript that forms a complex with

Target Details

	steroid receptor coactivator-1 and as a stably expressed protein. Its expression is strongly up-regulated in many human tumors of the breast, uterus, and ovary, suggesting a potential role in pathogenesis. Although coactivation of steroid-dependent transcription by SRA is accompanied by a proliferative response, overexpression is not in itself sufficient to induce turmorigenesis. Aliases: SRAP, STRAA1
Gene ID:	10011
HGNC:	10011
Pathways:	EGFR Signaling Pathway, Stem Cell Maintenance, Regulation of Muscle Cell Differentiation, Tube Formation, Skeletal Muscle Fiber Development

Application Details

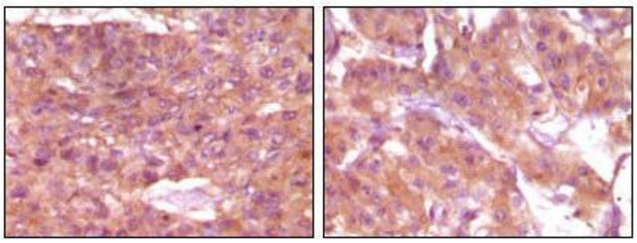
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

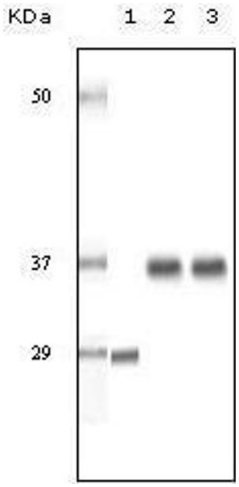
Publications

Product cited in:	Li, Xia, Huang, Chen, Su, Li, Wang, Ding, Shao: "A strategy to rapidly identify the functional targets of microRNAs by combining bioinformatics and mRNA cytoplasmic/nucleic ratios in culture cells." in: **FEBS letters**, Vol. 584, Issue 14, pp. 3198-202, (2010) (PubMed).



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human skin carcinoma (left) and breast carcinoma (right), showing cytoplasmic and membrane localization using SRA mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using SRA mouse mAb against truncated SRA recombinant protein (1), human ovary cancer tissue lysate (2) and A431 cell lysate (3).