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Datasheet for ABIN498717

anti-NCOA1 antibody (pTyr529)

2 Images

Overview

Quantity:	0.1 mg
Target:	NCOA1
Binding Specificity:	pTyr529
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Specificity:	This antibody detects endogenous levels of c-Src protein only when phosphorylated at Tyr529.
Cross-Reactivity (Details):	Species reactivity (expected): Mouse and Rat. Species reactivity (tested): Human.
Purification:	Affinity chromatography
Purity:	> 95 % by SDS-PAGE

Target Details

Target:	NCOA1
Alternative Name:	SRC1 (NCOA1 Products)
Background:	The major translational products of the members of the Src gene family identified to date are

Target Details

membrane-associated tyrosine protein kinases that lack transmembrane and external amino acid sequences, thereby distinguishing this group from the receptor class of tyrosine kinases. Members of this group include c-Src, c-Yes, Fyn, Lck, Lyn, Blk and c-Fgr. The major Src gene encoded protein, pp60Src, is expressed in a broad range of tissue and cell types, although the highest levels of pp60Src are detected in neuronal tissues and platelets. pp60Src may play a role in events associated with both neuronal differentiation and maintenance of mature neuronal cell functions. Synonyms: Proto-oncogene c-Src, Proto-oncogene tyrosine-protein kinase Src, c-Src, pp60c-src

Molecular Weight: approx. 60 kDa

Gene ID: 6714

NCBI Accession: [NP_005408](#)

UniProt: [P12931](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Nuclear Hormone Receptor Binding](#), [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Western Blot: 1/500 - 1/1000. Immunohistochemistry: 1/50 - 1/200.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1,0 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.2, 0.05 % sodium azide

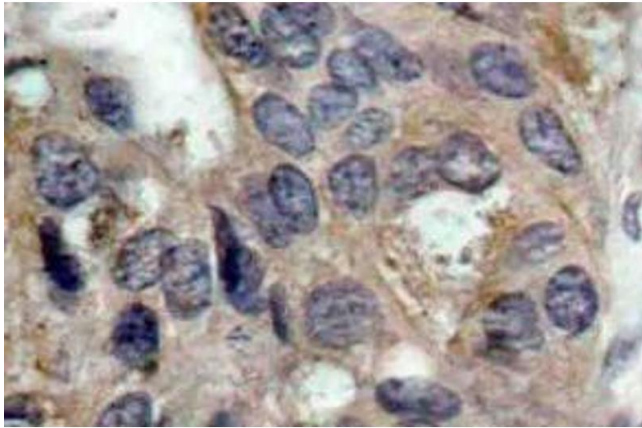
Preservative: Sodium azide

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 freezing and thawing.

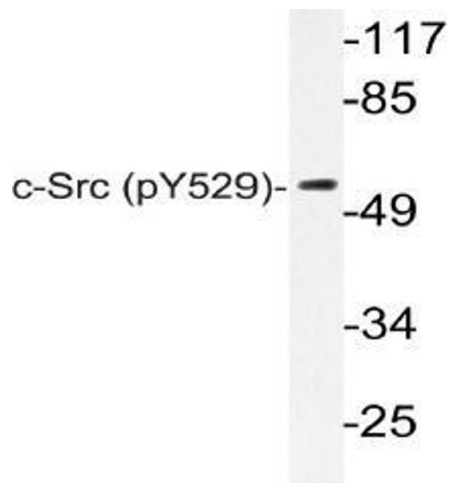
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry (IHC) analyzes of p-c-Src antibody in paraffin-embedded human breast carcinoma tissue.



Western Blotting

Image 2. Western blot (WB) analyzes of p-c-Src antibody in extracts from COS PMA cells.