

Datasheet for ABIN126893

anti-NCOA1 antibody (pTyr416)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	NCOA1
Binding Specificity:	pTyr416
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NCOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic phosphopeptide conjugated to KLHEpitope: phosphotyrosine 416AA Sequence: DNEpYTAR
Clone:	9A6
Isotype:	IgG3
Specificity:	AM00145PU-N specifically interacts with activated src phosphorylated at Tyr 416 and with src family kinases phosphorylated at the corresponding Tyr in the activation loop. The antibody does not crossreact with the non-phosphorylated form of src nor with unrelated phosphorylation sites.
Characteristics:	Synonyms: c-Src, pp60c-src, Proto-oncogene tyrosine-protein kinase Src, Proto-oncogene c-Src
Purification:	Subsequent Thiophilic Adsorption and Size Exclusion Chromatography.

Target Details

Target:	NCOA1
Alternative Name:	SRC1 (NCOA1 Products)
Background:	Src is the best understood member of a family of 9 tyrosine kinases regulating cellular responses to extracellular stimuli. Src is activated by PDGF and other growth factors that activate transmembrane tyrosine kinase receptors as well as increased intracellular calcium or oxidative stress. Src becomes activated upon dephosphorylation of Tyr 527, leading to a conformational change of the src molecule towards an "open", active conformation which allows binding to other proteins via the SH2 and SH3 domain. Activated src phosphorylates a variety of substrates involved in the mitogenic signalling pathway, cytoskeletal organization, cell-substrate adhesion, cell-cell adhesion, cell-cell communication, and RNA processing. Synonyms: Proto-oncogene c-Src, Proto-oncogene tyrosine-protein kinase Src, c-Src, pp60c-src
Gene ID:	6714
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: 0.5 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer. ELISA: 0.05 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 1.0 mL H ₂ O (15 min, RT).
Buffer:	2 x PBS / 0.09 % Sodium Azide / PEG and Sucrose.
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:	-20 °C

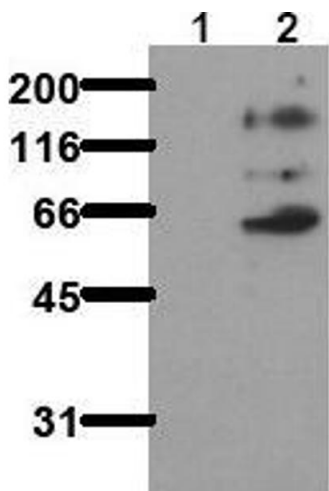
Handling

Storage Comment: For long-term storage, freeze lyophilizate upon arrival (-20 °C). Upon reconstitution, aliquote and freeze in liquid nitrogen, reconstituted antibody can bestored frozen at -80 °C up to 1 year.

Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months. Avoid repeated freezing and thawing.

Expiry Date: 12 months

Images



Western Blotting

Image 1.