

Rabbit anti-Human SRC Family-Y416 Monoclonal Antibody | anti-SrcFamily antibody

Phospho-SRC Family-Y416 Rabbit mAb

CATALOG # AAA283147	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

SRC Family-Y416; Monoclonal Antibody; Phospho-SRC Family-Y416 Rabbit mAb; ASV; SRC1; THC6; c-SRC; p60-Src; SRC; Phospho-SRC Family-Y416; anti-SrcFamily antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	NEYTAR
Applicable Applications for anti-SrcFamily antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around Y416 of human SRC Family (NP_005408.1).
Modification	Phospho Y418
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells using Phospho-SRC Family-Y416 Rabbit mAb (AAA283147) at 1:1000 dilution. C6 cells were treated by Pervanadate (0.5 mM) at 37° for 40 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using Phospho-SRC Family-Y416 Rabbit mAb (AAA283147) at 1:300 dilution. NIH/3T3 cells were treated by PDGF (100 ng/ml) at 37° for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of lysates from HepG2 cells, using Phospho-SRC Family-Y416 Rabbit mAb (AAA283147) at 1:300 dilution. HepG2 cells were treated by TGF- α (10 ng/ml) at 37 $^{\circ}$ C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-SrcFamily antibody	This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-SrcFamily antibody	Epigenetics & Nuclear Signaling ; Cancer ; Signal Transduction ; G protein signaling ; G2/M DNA Damage Checkpoint ; Kinase ; Tyrosine kinases ; ErbB-HER Signaling Pathway ; MAPK-Erk Signaling Pathway ; Cell Biology & Developmental Biology ; Apoptosis ; Inhibition of

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885609
NCBI GeneID	2534/3055/3932/4067/6714/7525
NCBI Accession #	NP_005408.1
NCBI GenBank Nucleotide #	NM_005417.3
UniProt Accession #	P12931 ; P06241
Molecular Weight	Calculated MW: 60kDa Observed MW: 62kDa/60kDa
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase Src
UniProt Gene Name	SRC
UniProt Synonym Gene Names	SRC1; p60-Src
UniProt Entry Name	SRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/src-family-y416-antibody-western-blot-elisa/283147>