10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KAT13A / SRC1 Antibody
Rabbit mAb
Catalog # AP91828

Specification

KAT13A / SRC1 Antibody - Product Information

Application	**WB, IHC, IP**
Primary Accession	Q15788
Clonality	**Monoclonal**
Other Names	
bHLHe74; mNRC 1; NCoA 1; RIP160; SRC 1;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**156757 Da**

KAT13A / SRC1 Antibody - Additional Information

Dilution	**WB~~1:1000** **IHC~~1:100~500** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human KAT13A / SRC1**
Description	**Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. Involved in the coactivation of different nuclear receptors, such as for steroids (PGR, GR and ER), retinoids (RXRs), thyroid hormone (TRs) and prostanoids (PPARs).**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

KAT13A / SRC1 Antibody - Protein Information

Name NCOA1

Synonyms BHLHE74, SRC1

Function
Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone- dependent fashion. Involved in the coactivation of different nuclear receptors, such as for steroids (PGR, GR and ER), retinoids (RXRs), thyroid hormone (TRs) and prostanoids (PPARs). Also involved in coactivation mediated by STAT3, STAT5A, STAT5B and

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STAT6 transcription factors. Displays histone acetyltransferase activity toward H3 and H4; the relevance of such activity remains however unclear. Plays a central role in creating multisubunit coactivator complexes that act via remodeling of chromatin, and possibly acts by participating in both chromatin remodeling and recruitment of general transcription factors. Required with NCOA2 to control energy balance between white and brown adipose tissues. Required for mediating steroid hormone response. Isoform 2 has a higher thyroid hormone-dependent transactivation activity than isoform 1 and isoform 3.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

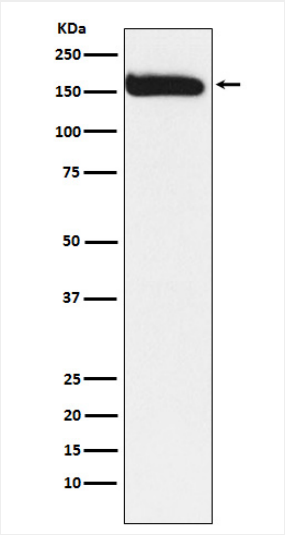
Tissue Location
Widely expressed.

KAT13A / SRC1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KAT13A / SRC1 Antibody - Images



Western blot analysis of KAT13A / SRC1 expression in HEK293 cell lysate.