

**Anti-KAT13A / SRC1 Monoclonal Antibody**  
Catalog # ABO14670

**Specification**

**Anti-KAT13A / SRC1 Monoclonal Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">Q15788</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-KAT13A / SRC1 Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

**Anti-KAT13A / SRC1 Monoclonal Antibody - Additional Information**

**Gene ID** 8648

**Other Names**

Nuclear receptor coactivator 1, NCoA-1, 2.3.1.48, Class E basic helix-loop-helix protein 74, bHLHe74, Protein Hin-2, RIP160, Renal carcinoma antigen NY-REN-52, Steroid receptor coactivator 1, SRC-1, NCOA1, BHLHE74, SRC1

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human KAT13A / SRC1 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).

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-KAT13A / SRC1 Monoclonal 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 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**

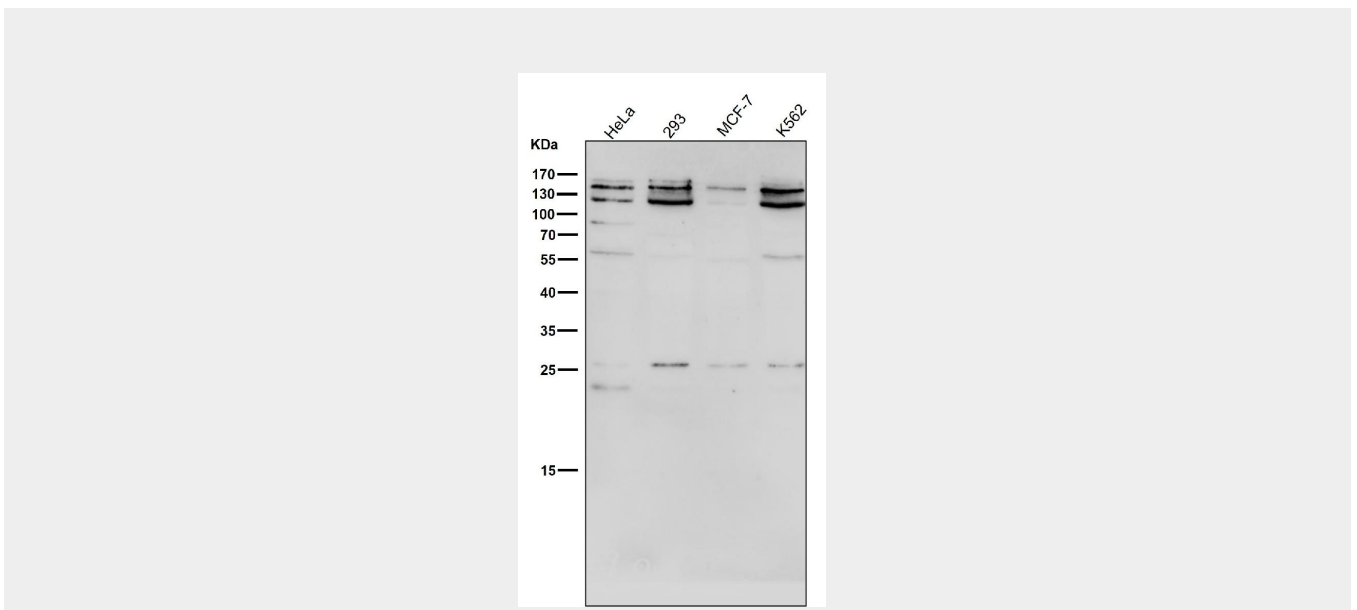
Widely expressed.

**Anti-KAT13A / SRC1 Monoclonal Antibody - Protocols**

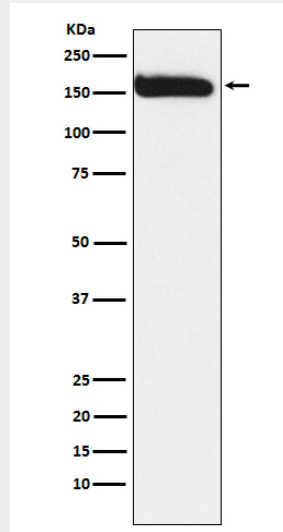
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

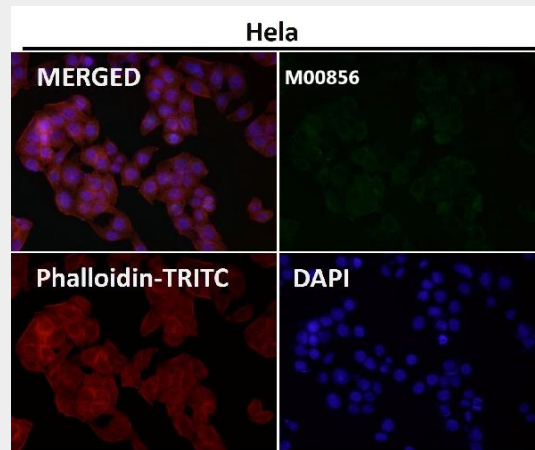
**Anti-KAT13A / SRC1 Monoclonal Antibody - Images**



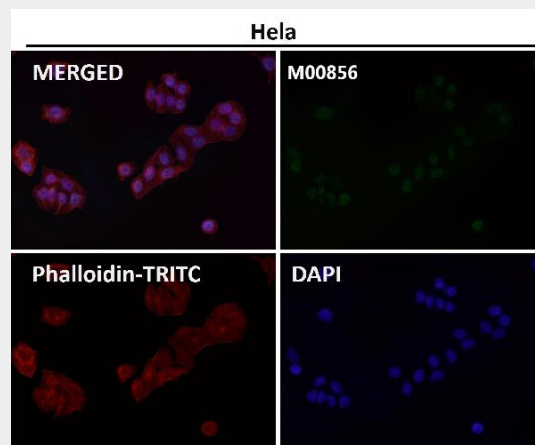
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:50 dilution.