

KAT13A/SRC1 Rabbit mAb

Catalog # AP74887

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q15788
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	156757

Additional Information

Gene ID	8648
Other Names	NCOA1
Dilution	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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}.

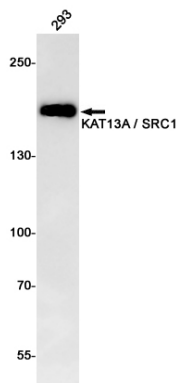
Tissue Location

Widely expressed.

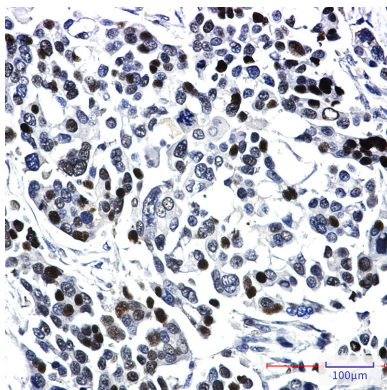
Background

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).

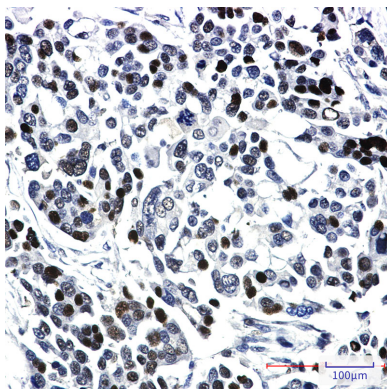
Images



Western blot analysis of KAT13A / SRC1 in 293 lysates using KAT13A antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using SRC1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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