

Product Datasheet

SRC1 Antibody NB300-541

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NB300-541

SRC1 Antibody

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Host	Rabbit
Gene ID	8648
Gene Symbol	NCOA1
Species	Human, Mouse, Rat, Amphibian, Avian
Reactivity Notes	Chicken reactivity reported in scientific literature (see Charlier et al 2005). Avian reactivity reported in scientific literature (see Charlier et al 2006), Amphibian reactivity reported in scientific literature (see Kerver et al 2013).
Specificity/Sensitivity	Detects steroid receptor coactivator-1 (SRC-1).
Immunogen	Synthetic peptide corresponding to residues S(8) S D P A N P D S H K R K G S P C(24) of human SRC-1.

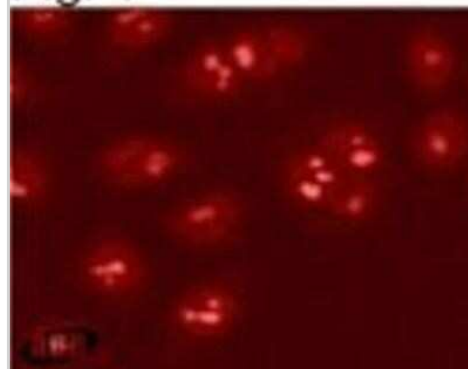
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 3 - 5 ug / 10 ⁶ cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunoprecipitation, Immunohistochemistry-Frozen 1 ug/ml
Application Notes	WB: Detects an approx. 165 kDa protein representing SRC 1 and a smaller, unknown protein at ~40 kDa from HeLa cell lysate. ICC: Staining of SRC 1 in HeLa cells results in nuclear staining. May be useful in IF (Privalsky et al 2009). Use in immunoprecipitation reported in scientific literature (PMID: 19487700).



Images

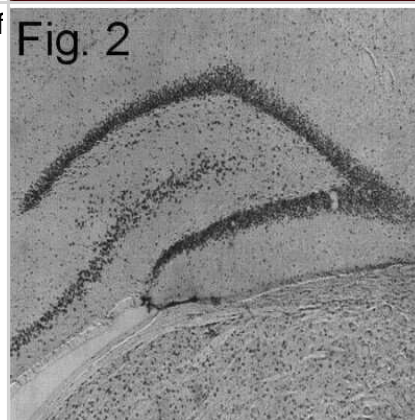
Immunocytochemistry/Immunofluorescence: SRC1 Antibody [NB300-541] - Immunolocalization of HeLa cells.

Fig. 1



Immunohistochemistry-Frozen: SRC1 Antibody [NB300-541] - Staining of SRC-1 in the Dentate Gyrus region of the rat brain.

Fig. 2



Publications

Rogatsky I, Zarembek KA, Yamamoto KR. Factor recruitment and TIF2/GRIP1 corepressor activity at a collagenase-3 response element that mediates regulation by phorbol esters and hormones. *EMBO J.* 20(21):6071-83. (WB). 2001-11-01 [PMID: 11689447]

Privalsky ML, Lee S, Hahm JB, Young BM, Fong RN, Chan IH. The p160 coactivator PAS-B motif stabilizes nuclear receptor binding and contributes to isoform-specific regulation by thyroid hormone receptors. *J Biol Chem*;284(29):19554-63. 2009-07-17 [PMID: 19487700] (IP)

Charlier TD, Ball GF, Balthazart J. Inhibition of steroid receptor coactivator-1 blocks estrogen and androgen action on male sex behavior and associated brain plasticity. *J Neurosci*;25(4):906-13. 2005-01-26 [PMID: 15673671] (WB)



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Products Related to NB300-541

NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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