

Product Datasheet

Choline Acetyltransferase Antibody (FITC) (orb377496)

Catalog Number	orb377496
Category	Antibodies
Description	Rabbit polyclonal antibody against Choline O-acetyltransferase conjugated to FITC.
Target	Choline Acetyltransferase
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	FITC
Reactivity	Human, Mouse
Concentration	1 mg/ml
Buffer/Preservatives	640.91mM DMSO, 136.36 mM Ethanolamine, 126.89 mM chlorides, 9.09mM phosphates, 9.09mM NaHCO ₃
Purification	Peptide Affinity Purified
Immunogen	Synthetic peptide from the N-terminal to the mid-protein of human Choline O-Acetyltrasferase
UniProt ID	P28329
MW	82.5kDa
Tested applications	ICC, IF, WB

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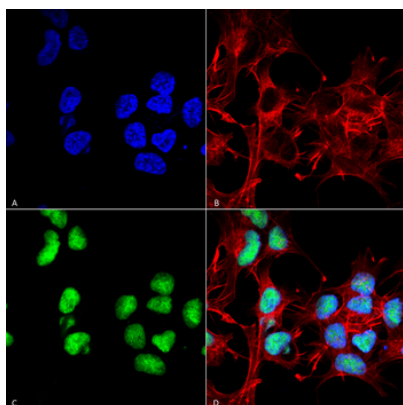
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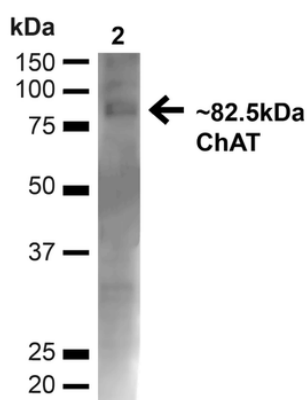
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Dilution range	WB (1:1000); ICC/IF (1:100)
Application notes	A 1:1000 dilution of SPC-706 was sufficient for detection of Choline Acetyltransferase on mouse brain lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	1103
NCBI	NP_001136401.1



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Choline Acetyltransferase Polyclonal Antibody. Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-Choline Acetyltransferase Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Choline Acetyltransferase Antibody (D) Composite.



Western blot analysis of Mouse Brain showing detection of ~82.5kDa Choline Acetyltransferase protein using Rabbit Anti-Choline Acetyltransferase Polyclonal Antibody. Lane 1: MW Ladder. Lane 2: Mouse Brain (20 µg). Load: 20 µg. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Rabbit Anti-Choline Acetyltransferase Polyclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit: HRP at 1:2000 for 1 hour at RT. Color Development: TMB solution for 12 min at RT. Predicted/Observed Size: ~82.5kDa.

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