

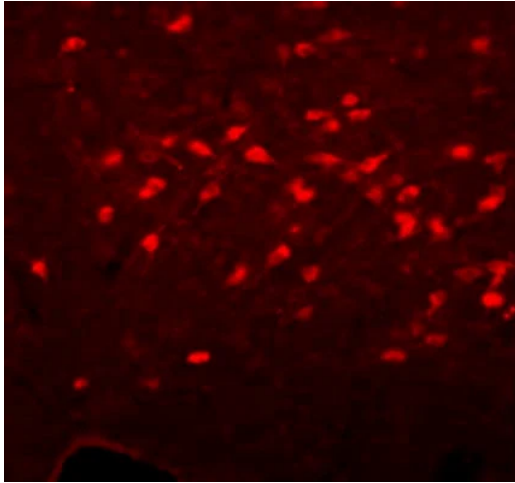
Anti-Choline O-acetyltransferase (ChAT) Antibody



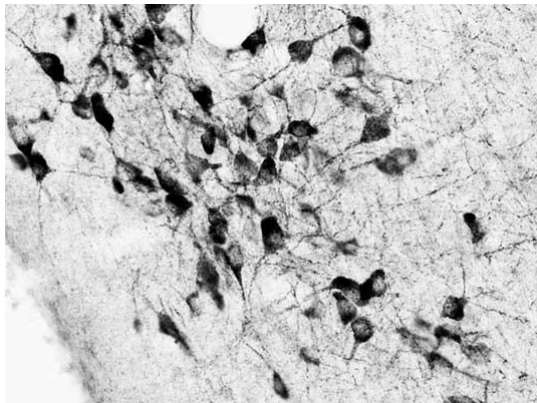
Product Details

Available Variants	100 µL (SKU:R-043-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Applications	ELISA, ICC, IHC
Dilution Ranges	IHC: 1:400-1:2000 ICC: 1:400-1:2000
Species Reactivity	Guinea Pig, Mouse, Pig, Rabbit, Rat
Immunogen	A synthetic peptide (GLFSSYRLPGHTQDTLVAQKSS) as a part of porcine ChAT protein (aa: 167-188) conjugated to KLH
Specificity	This antiserum stains cholinergic neurons in guinea-pig and rabbit. This antiserum is known to react with ChAT of origin guinea-pig, mouse, rat and rabbit.
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
UniProt ID	P13222
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).

Product Images



Immunofluorescent staining of rat basal forebrain cholinergic neurons using rabbit anti-ChAT primary and Cy3 secondary antibodies.



Immunohistochemical detection of cholinergic neurons in formalin-fixed floated cryostat sections from the basal forebrain of the rat. Choline acetyltransferase immunoreactivity was detected with the rabbit polyclonal ChAT antiserum (R-043-100; 1:20,000), using the biotinylated secondary antibody-ABC method and nickel-diaminobenzidine chromogen. Photo courtesy of Dr. Erik Hrabovszky, Hungarian Academy of Sciences, Budapest, Hungary.

Product Page URL: www.antibodiesinc.com/products/anti-choline-o-acetyltransferase-chat-antibody-r-043-100

