

***Anti-CHT1****(high-affinity choline transporter-1)*

**Code Number** : CHT1-Rb-Af580 (rabbit, RRID : AB\_2571676)  
 : CHT1-Go-Af890 (goat, RRID : AB\_2571677)  
 : CHT1-GP-Af500 (guinea pig, RRID : AB\_2571678)

**Size** : 20 µg and 50 µg / See label on vial  
 (affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

**Species** : goat / guinea pig / rabbit  
 polyclonal

**Antigen** : mouse CHT1, 531-580 aa  
 (BC065089)

**Specificity** : Mouse (others not tested)

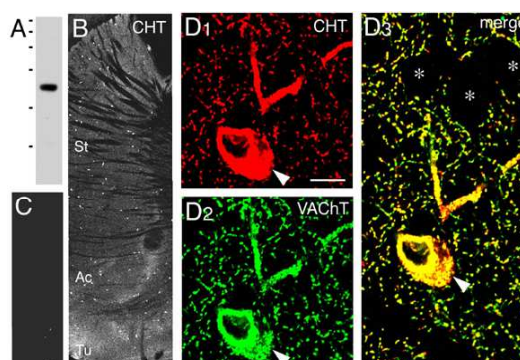
Immunoblot detects a single protein band  
 at 60 kDa.

This selectively stains cholinergic neurons, including their dendrites and axons.

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Remarks** : If you have no special preference for species, this goat antibody is the best one to choose. This guinea pig antibody is as specific as goat one. If you have no special preference for species, goat CHT antibody is the best one to choose.



- Reference** : 1) Narushima M, Uchigashima M, Matsui M, Manabe T, Watanabe M, Kano M: Tonic enhancement of endocannabinoid-mediated retrograde suppression of inhibition by cholinergic interneuron activity in the striatum. *J. Neurosci.*, in press
- 2) Miura, E., Fukaya, M., Sato, T., Sugihara, K., Asano, M., Yoshioka, K., Watanabe, M. (2006) Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and adult mouse brain. *J. Neurochem.* 97:1431-1446.