

Polyclonal Antibody to Catestatin

Tech ID: 24304 / UC Case 2014-257-0

BACKGROUND

The processing of Chromogranin A, a pro-hormone in secretory granules of chromaffin cells and post-ganglionic sympathetic neurons, yields several biologically active polypeptides including catestatin. Catestatin is a nicotinic-cholinergic antagonist that diminishes catecholamine release, and whose plasma concentration may be diminished in hypertension. Catestatin may also constitute an early or "intermediate phenotype" in assessing genetic risk for cardiovascular disease.

TECHNOLOGY DESCRIPTION

This is a rabbit polyclonal antibody that detects catestatin peptide by ELISA and Westerns blots with very high affinity and avidity. This polyclonal Ab is to a specific catestatin domain of human Chromogranin A (CHGA 352-372).

APPLICATIONS

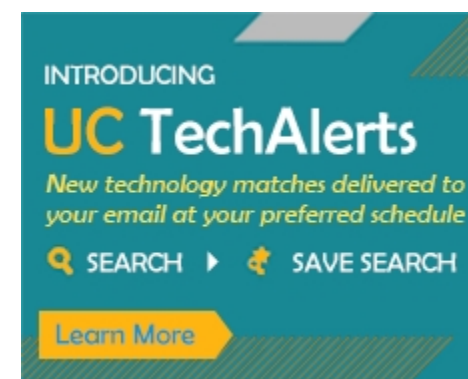
The antibody can be utilized for ELISA and Western blots.

RELATED MATERIALS

- ▶ [Effects of chromogranin A deficiency and excess in vivo: biphasic blood pressure and catecholamine responses. Vaingankar SM, Li Y, Biswas N, Gayen J, Choksi S, Rao F, Ziegler MG, Mahata SK, O'Connor DT. J Hypertens. 2010 Apr;28\(4\):817-25. doi: 10.1097/HJH.0b013e328336ed3e. PMID: 20139771 - 04/01/2010](#)

CONTACT

University of California, San Diego
Office of Innovation and
Commercialization
innovation@ucsd.edu
tel: 858.534.5815.



OTHER INFORMATION

CATEGORIZED AS

- ▶ **Research Tools**
 - ▶ Antibodies
 - ▶ Reagents

RELATED CASES

2014-257-0