SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0080-200	600 µg

Anti-HTT

Source: Goat

General description: Huntingtin is a protein linked to Huntington's disease, a neurodegenerative disorder characterized by loss of striatal neurons.

Alternative names: HD, HTT and IT15 antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 85 to 200 aa of human HTT produced in E. coli

Specificity: Reacts huntingtin protein, amino acids 85-200. The antibody recognizes wild type and mutant huntingtin.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	+++	ND
Rat	+++	+++	+++	+++	ND
Mouse	+++	+++	+++	+++	ND
Canine	+++	+++	+++	+++	ND
Monkey	+++	+++	+++	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

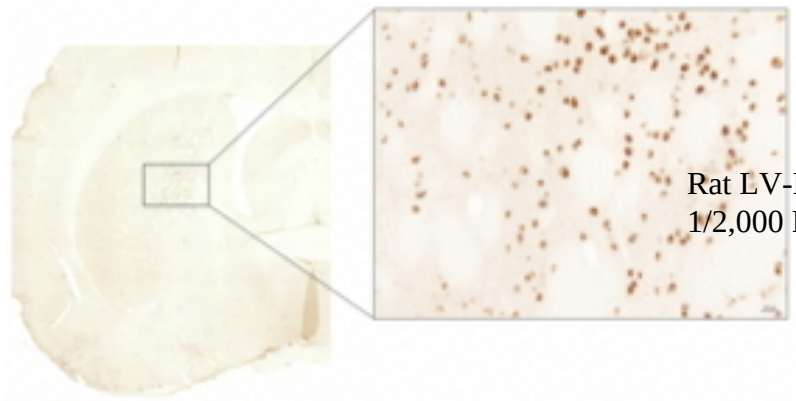
WB:	1:500-1:2,000
IF:	1:500-1:2,000
IHC (P):	1:500-1:2,000
IHC (F):	1:500-1:2,000

Storage: For continuous use, store at 2-8 deg;C for one-two days. For extended storage, store in -20 deg;C freezer. Working dilution samples should be discarded if not used within 12 hours.

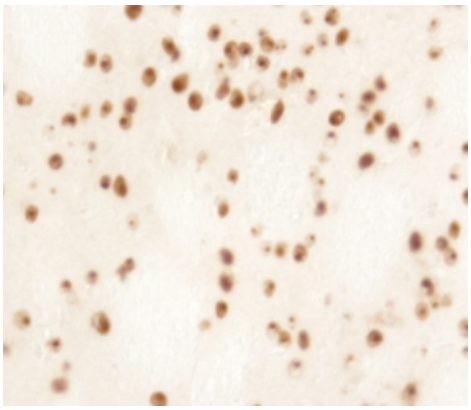
Special instructions: The antibody solution should be gently mixed before use..

References:

1. Miniarikova J, Zimmer V, Martier R, et al. Gene Ther. 2017 Oct. PMID: 28771234
2. Meunier C, Merienne N, Jollé C, et al. Glia. 2016 Jul 21. PMID: 27442486
3. Déglon N, Merienne N, Genome editing for the treatment of huntington's disease, EP 2982758 A1 Patent, 2014



Rat LV-Htt171-82Q (800 ng), PFA 4%, HTT Ab, 1/2,000 PBS-BSA 1% – 25µm;



Rat LV-Htt171-82Q (800 ng), PFA 4%, HTT Ab, 1/2,000 PBS-BSA 1% – 25µm;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.