

Huntingtin (Acetyl Lys442) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10519
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Huntingtin (Acetyl Lys442)
Mol wt	345620
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Huntingtin
Synonyms	Huntingtin ;Acetyl Lys442; Huntingtin; Huntington disease protein; HD protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Huntingtin is a disease gene linked to Huntington's disease| a neurodegenerative disorder characterized by loss of striatal neurons. This is thought to be caused by an expanded| unstable trinucleotide repeat in the huntingtin gene| which translates as a polyglutamine repeat in the protein product. A fairly broad range of trinucleotide repeats (9-35) has been identified in normal controls| and repeat numbers in excess of 40 have been described as pathological. The huntingtin locus is large| spanning 180 kb and consisting of 67 exons. The huntingtin gene is widely expressed and is required for normal development. It is expressed as 2 alternatively polyadenylated forms displaying different relative abundance in various fetal and adult tissues. The larger transcript is approximately 13.7 kb and is expressed predominantly in adult and fetal brain whereas the smaller transcript of approximately 10.3 kb is more wide|

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year