

Anti-Polyglutamine repeats [3B5H10] Standard Size Ab00144-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Lambda

Clone Number: 3B5H10

Alternative Name(s) of Target: Huntington disease protein; HD protein; huntingtin; HTT; htt

UniProt Accession Number of Target Protein: P42858

Published Application(s): IP, IF

Published Species Reactivity: Human

Immunogen: N-terminal 1-171 amino acid fragment of human Huntingtin with a 68 glutamine stretch.

Specificity: 3B5H10 is a conformation-sensitive antibody that is specific for extended polyglutamine repeats (polyQ) in mutant huntingtin (mhtt). The antibody does not detect mhtt aggregates in cells or wild-type htt, but does recognize a soluble mhtt monomer.

Application Notes:

Antibody First Published in: Brooks E1, Arrasate M, Cheung K, Finkbeiner SM. Using antibodies to analyze polyglutamine stretches. *Methods Mol Biol.* 2004;277:103-28. [PMID:15201452](#)

Note on publication: Describe monoclonal antibody [3B5H10] that specifically recognizes extended polyglutamine stretches in mutant huntingtin and methods for using the antibody to explore the structure of abnormal polyglutamine repeats.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.