À des fins de recherche uniquement

Anticorps Monoclonal anti-Polyglutamine

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:65239-1-Ig

Informations de base

Numéro de catalogue:
65239-1-Ig

Taille:
150ul , 1500 µg/ml

Hôte:
Mouse

Isotype:
IgG2b, kappa

Numéro d'acquisition GenBank:
N/A

Identification du gène (NCBI):

Nom complet:

Méthode de purification:
N/A

CloneNo.:
MW1

Applications

Applications testées:
WB

Spécificité de l'espèce:

Informations générales

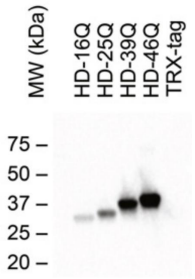
Huntington's disease is a neurodegenerative disorder caused by the expansion of a polyglutamine (polyQ) repeat in the N-terminal portion of huntingtin protein to a length above 35-40 units (PMID: 26047735; 19507258). The mutational expansion of polyglutamine above a critical length causes a toxic gain of function in huntingtin and results in neuronal death. In the course of the disease, expanded huntingtin is proteolyzed, becomes abnormally folded, and accumulates in oligomers, fibrils, and microscopic inclusions (PMID: 25336039). The anti-polyglutamine (polyQ) antibody MW1 specifically binds the polyQ domain of huntingtin exon 1. On western blot, the MW1 clone strongly prefers to bind to the expanded polyQ repeat form of Htt, displaying no detectable binding to normal huntingtin (PMID: 11719267).

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



Western blot analysis of anti-polyglutamine antibody (MW1) binding to huntingtin exon 1 fusion proteins with variable numbers of glutamines. MW1 bound to huntingtin exon 1 proteins with normal and expanded polyQ repeats but did not bind the TRX tag control. (Owens, Gwen E et al. J Mol Biol. 2015 Jul 31;427(15):2507-2519.)