



# Anti-HTT monoclonal antibody, clone HDA3E10 (CABT-51054MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Huntingtin antibody, clone HDA3E10 reacts with an epitope corresponding to the HDA region (amino acids 1171 - 1177) of the huntingtin protein. Mouse anti Huntingtin antibody, clone HDA3E10 detects a 350KD band on western blots but also detects smaller degradation products of huntingtin. The combined use of clone HDA3E10, HDC8A4 and HDB4E10 demonstrate that huntingtin is enriched in neuronal cells in the brain.
<b>Specificity</b>	HTT
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 997 -1276 of huntingtin.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse, Rabbit
<b>Clone</b>	HDA3E10
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; IP; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">HTT huntingtin [ Homo sapiens (human) ]</a>
Official Symbol	HTT
Synonyms	HTT; huntingtin; HD; IT15; huntington disease protein;
Entrez Gene ID	<a href="#">3064</a>
Protein Refseq	<a href="#">NP_002102</a>
UniProt ID	P42858
Chromosome Location	4p16.3
Pathway	Direct p53 effectors; EGFR1 Signaling Pathway; Huntingtons disease;
Function	beta-tubulin binding; diazepam binding; dynactin binding; dynein intermediate chain binding; identical protein binding; ion channel binding; p53 binding; protein binding; transcription factor binding;