

Huntingtin (neoepitope 513) antibody [3-19]

Cat. No. GTX31097

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, IHC
Reactivity	Human, Mouse

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	2 µg/ml
ELISA	1:100
IHC	1:500

Not tested in other applications.

Calculated MW 348 kDa. ([Note](#))

Product Note This antibody recognizes the 513 cleaved fragment without detecting the full-length form.

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide conjugated to KLH via cysteine corresponding to residues C-HTLQADSVD (505-513) of Human HTT.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated



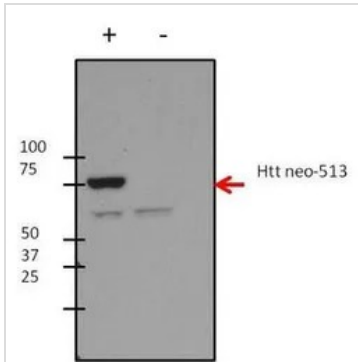
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

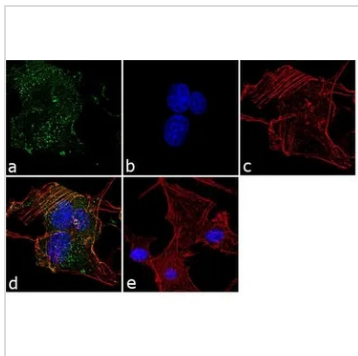


GTx31097 WB Image

WB analysis of cell lysate either with overexpressed recombinant HTT fragment (lane 1) or without (lane 2) using GTx31097 Huntingtin (neoepitope 513) antibody [3-19].

Dilution : 1:500

Loading: 20 µg



GTx31097 ICC/IF Image

ICC/IF analysis of U-87 MG cells using GTx31097 Huntingtin (neoepitope 513) antibody [3-19]. Panel e is a no primary antibody control.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton, X-100 for 10 minutes

Dilution : 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature



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