

KD-Validated Anti-Huntingtin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

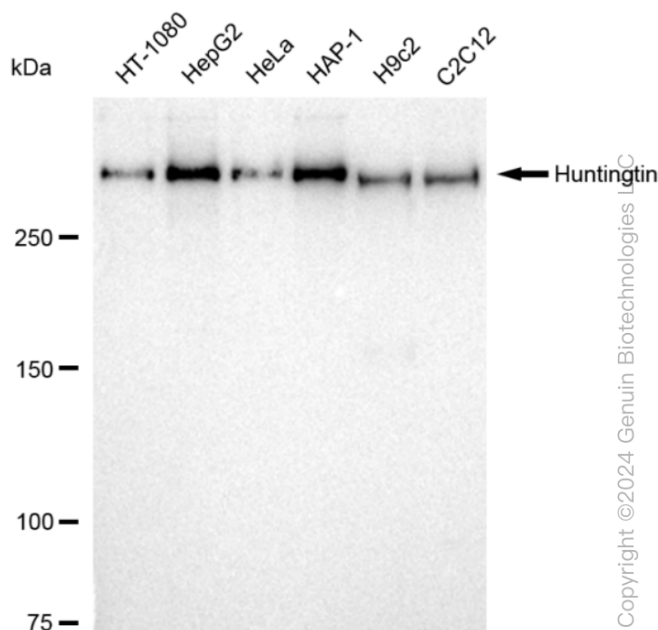
ABG1560

Product Overview

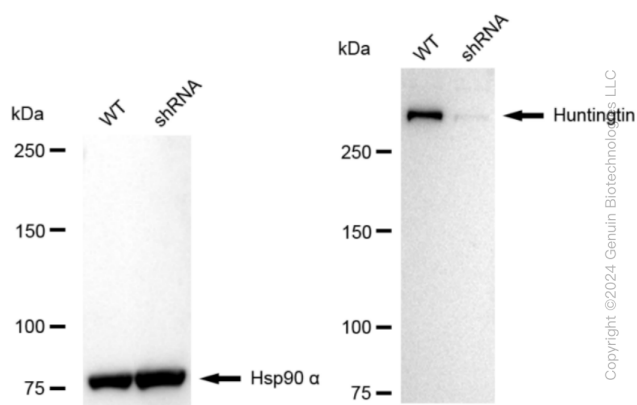
Name	KD-Validated Anti-Huntingtin Rabbit Monoclonal Antibody
Accession(Primary)	P42858
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Huntingtin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 348 kDa , observed , 348 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P42858)

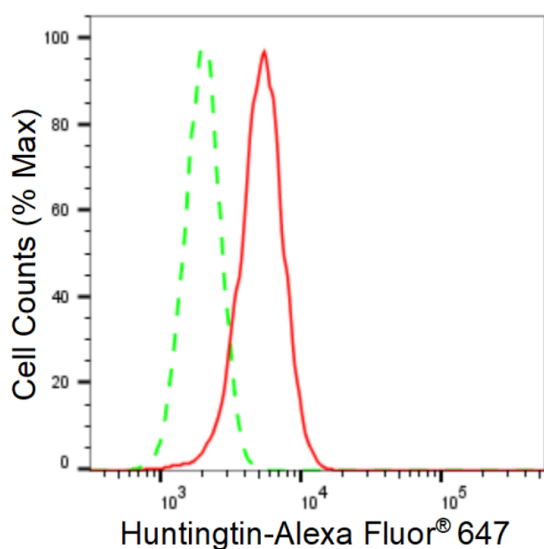
Gene Name	HTT
About Gene Symbol	HTT (Huntingtin) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in neurodegenerative disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



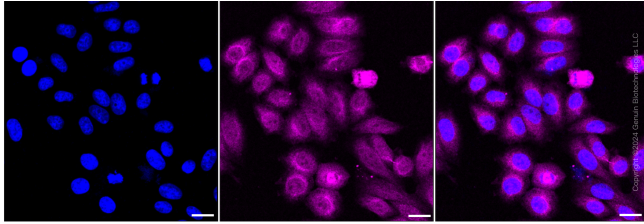
Western blotting analysis using anti-Huntingtin antibody (Cat#ABG1560). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Huntingtin antibody (Cat#ABG1560, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Huntingtin antibody (Cat#ABG1560). Huntingtin expression in wild type (WT) and Huntingtin shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Huntingtin antibody (Cat#ABG1560, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Huntingtin expression in HepG2 cells using Huntingtin antibody (Cat#ABG1560, 1:2,000). Green, isotype control; red, Huntingtin.



Immunocytochemical staining of HepG2 cells with anti-Huntingtin antibody (Cat#ABG1560, 1:1,000). Nuclei were stained blue with DAPI; Huntingtin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.