


Product datasheet

Anti-Huntingtin Associated Protein 1 antibody [1B6] ab39713

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Overview

Product name	Anti-Huntingtin Associated Protein 1 antibody [1B6]
Description	Mouse monoclonal [1B6] to Huntingtin Associated Protein 1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Monkey 
Immunogen	Fusion protein. This information is proprietary to Abcam and/or its suppliers.
Positive control	ab39713 gave a strong signal in Mouse Brain Tissue Lysate. The same band was detected in Rat Brain Tissue Lysate, although at a lower intensity.
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide
Purity	Protein G purified
Clonality	Monoclonal

Clone number	1B6
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab39713 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application notes

ICC/IF: 1/100 - 1/1000.
Immunohistochemistry (PFA fixed): Use at an assay dependent dilution.
IHC-FrFI: Use at an assay dependent dilution.
IP: Use at an assay dependent dilution.
WB: 1/100 - 1/1000. Detects a band of approximately 85 kDa (predicted molecular weight: 75 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

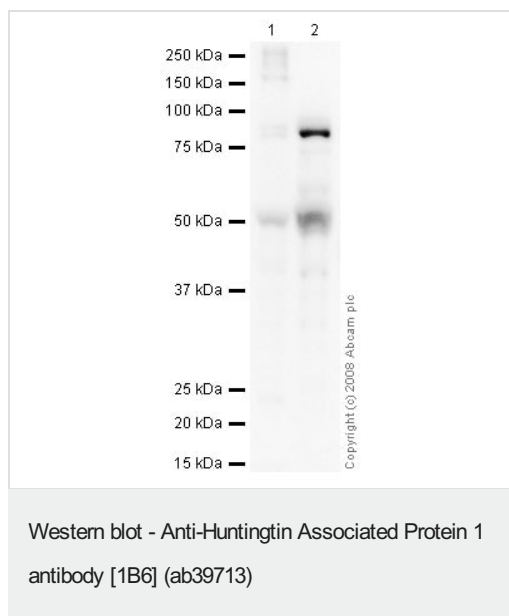
Target

Function Associates specifically with huntingtin. This binding is enhanced by an expanded polyglutamine repeat.

Tissue specificity Predominantly expressed in brain. Selectively expressed in neurons.

Sequence similarities Contains 1 HAP1 N-terminal domain.

Images



All lanes : Anti-Huntingtin Associated Protein 1 antibody [1B6] (ab39713) at 1 µg/ml

Lane 1 : Brain (Rat) Tissue Lysate - normal tissue

Lane 2 : Brain (Mouse) Tissue Lysate - normal tissue

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 75 kDa

Observed band size: 85 kDa

Additional bands at: 50 kDa (possible non-specific secondary antibody binding)

ab39713 detects a band at 85 kDa in mouse and rat brain tissue lysate. This band corresponds to the size of the HAP1-B protein detected in rat brain tissue lysate by Shi-Hua Li et al. (1998). (PMID: 9798945).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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