

Anti-Cardif MAVS Antibody

Catalog Number: A00169

About MAVS

Huntingtin (also known as Huntington's disease protein, Htt and HD protein) is the protein product of a disease gene linked to Huntington's disease, a neuro-degenerative disorder characterized by loss of striatal neurons. This may be caused by an expanded, unstable trinucleotide repeat in the huntingtin gene, which translates as a polyglutamine repeat in the protein product (see partial protein sequence below). The huntingtin gene locus is large, spanning 180 kb and consisting of 67 exons. It is expressed as 2 alternatively polyadenylated forms displaying different relative abundance in various fetal and adult tissues. The genetic defect leading to Huntington's disease may not necessarily eliminate transcription, but may confer a new property on the mRNA or alter the function of the protein. One candidate is the huntingtin-associated protein-1, highly expressed in brain, which has increased affinity for huntingtin protein with expanded polyglutamine repeats. Normal huntingtin protein shows a cytoplasmic localization. This protein is widely expressed with the highest level of expression in the brain (nerve fibers, varicosities, and nerve endings). In the brain, the regions where it can be mainly found are the cerebellar cortex, the neocortex, the striatum, and the hippocampal formation. Anti-Huntington antibodies are ideal for researchers interested in Apoptosis, Autophagy, Cytoskeleton, Neurodegeneration, Neuroscience, and Neuronal Cell Markers research.

Overview

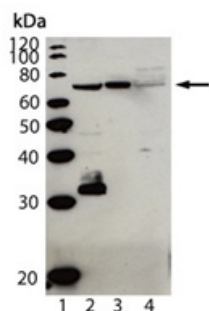
Product Name	Anti-Cardif MAVS Antibody
Reactive Species	Human
Description	Boster Bio Anti-Cardif MAVS Antibody catalog # A00169. Tested in ICC, IP, WB applications. This antibody reacts with Human.
Application	IP, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q7Z434

Technical Details

Immunogen	Recombinant human Cardif (CARD adapter inducing interferon-beta) (aa 160-450).
Predicted Reactive Species	Bovine, Canine, Monkey
Form	Liquid
Concentration	1 mg/mL

Purification	Protein A-affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:2,000, Human</p> <p>ICC, 1:500, Human</p> <p>IP, 1:100, Human</p>

Anti-Cardif MAVS Antibody (A00169) Images



Western blot analysis of Cardif expression in MW marker (lane 1), HEPG2 whole cell lysates (lane 2), PALA whole cell lysates (lane 3) and HELA whole cell lysates (lane 4). Cardif at 35/37kD, 18kD, 10kD was detected using rabbit anti-Cardif Antigen Affinity purified polyclonal antibody (Catalog # A00169) at 1: 2000. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).

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