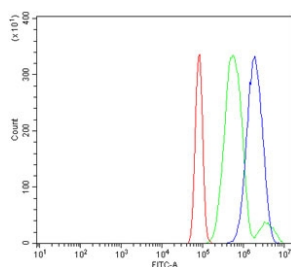


Huntingtin interacting protein 2 Antibody / HIP2 / UBE2K (RQ6693)

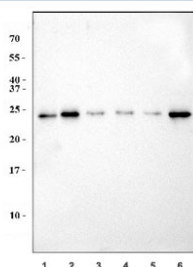
Catalog No.	Formulation	Size
RQ6693	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P61086
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Huntingtin interacting protein 2 antibody is available for research use only.



Flow cytometry testing of rat RH35 cells with Huntingtin interacting protein 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Huntingtin interacting protein 2 antibody.



Western blot testing of 1) monkey COS-7, 2) human HEK293, 3) rat brain, 4) rat testis, 5) mouse brain and 6) mouse testis tissue lysate with Huntingtin interacting protein 2 antibody. Predicted molecular weight ~22 kDa.

Description

The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene.

Application Notes

Optimal dilution of the Huntingtin interacting protein 2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D33-E195) was used as the immunogen for the Huntingtin interacting protein 2 antibody.

Storage

After reconstitution, the Huntingtin interacting protein 2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.