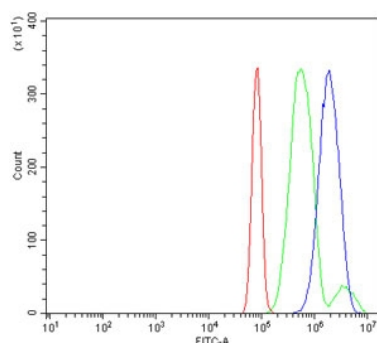


## Huntingtin interacting protein 2 Antibody / HIP2 / UBE2K (RQ6693)

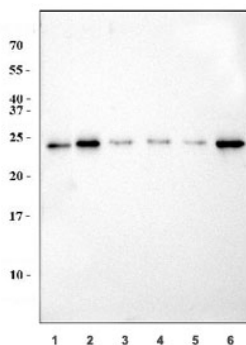
Catalog No.	Formulation	Size
RQ6693	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P61086
<b>Applications</b>	Western blot : 1-2ug/ml Flow cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.