



## HAP1 blocking peptide (CDBP5519)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Antigen Description</b> | Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with huntingtin, with two cytoskeletal proteins (dynactin and pericentriolar autoantigen protein 1), and with a hepatocyte growth factor-regulated tyrosine kinase substrate. The interactions with cytoskeletal proteins and a kinase substrate suggest a role for this protein in vesicular trafficking or organelle transport. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008] |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | Used as a blocking peptide in immunoblotting applications.   |
| <b>Format</b>              | Liquid   |
| <b>Concentration</b>       | 200 µg/mL  |
| <b>Size</b>                | 0.05 mg  |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | -20°C  |

### GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">HAP1 huntingtin-associated protein 1 [ Homo sapiens (human) ]</a>                                    |
| <b>Official Symbol</b> | HAP1   |
| <b>Synonyms</b>        | HAP1; huntingtin-associated protein 1; HLP; HAP2; HIP5; hHLP1; HAP-1; neuroan 1; huntingtin-associated protein 2 |

|                |   |
|----------------|---|
| Entrez Gene ID | <a href="#">9001</a>                    |
| mRNA Refseq    | <a href="#">NM_001079870</a>            |
| Protein Refseq | <a href="#">NP_001073339</a>            |
| UniProt ID     | P54257                                  |
| Pathway        | GABAergic synapse; Huntington's disease |
| Function       | protein binding                         |