



# Human POU3F2 blocking peptide (CDBP2348)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-POU3F2/BRN2/OCT7 antibody  |
| <b>Antigen Description</b> | This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells. [provided by RefSeq, Mar 2012] |
| <b>Nature</b>              | Synthetic   |
| <b>Expression System</b>   | N/A   |
| <b>Species</b>             | Human   |
| <b>Species Reactivity</b>  | Human, Mouse, Cow, Pig, Rat   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | Apuri, BL, ELISA  |
| <b>Procedure</b>           | None  |
| <b>Format</b>              | Lyophilized powder  |
| <b>Size</b>                | 100 µg  |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.   |

## ANTIGEN GENE INFORMATION

**Gene Name** [POU3F2 POU class 3 homeobox 2 \[ Homo sapiens \]](#)

|                            |  |
|----------------------------|--|
| <b>Official Symbol</b>     | POU3F2   |
| <b>Synonyms</b>            | POU3F2; POU class 3 homeobox 2; OTF7, POU domain class 3, transcription factor 2; POU domain, class 3, transcription factor 2; BRN2; OCT7; POUF3; brain-2; octamer-binding protein 7; octamer-binding transcription factor 7; brain-specific homeobox/POU domain protein 2; nervous system-specific octamer-binding transcription factor N-Oct-3; OTF7; OTF-7; brn-2; oct-7; N-Oct3; |
| <b>Entrez Gene ID</b>      | <a href="#">5454</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_005604</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_005595</a>  |
| <b>UniProt ID</b>          | P20265   |
| <b>Chromosome Location</b> | 6q16.2   |
| <b>Pathway</b>             | SIDS Susceptibility Pathways, organism-specific biosystem;   |
| <b>Function</b>            | RNA polymerase II transcription coactivator activity; identical protein binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;  |