



## Human RICTOR blocking peptide (CDBP2531)

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

### PRODUCT INFORMATION

|                     |   |
|---------------------|---|
| Product Overview    | Blocking/Immunizing peptide for anti-RICTOR antibody  |
| Antigen Description | RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbassov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008] |
| Species             | Human   |
| Conjugate           | Unconjugated  |
| Applications        | Apuri, BL, ELISA  |
| Format              | Lyophilized powder  |
| Size                | 100 µg  |
| Preservative        | None  |
| Storage             | Shipped at ambient temperature, store at -20°C.   |

### GENE INFORMATION

|                 |   |
|-----------------|---|
| Gene Name       | <a href="#">RICTOR RPTOR independent companion of MTOR, complex 2 [ Homo sapiens ]</a>  |
| Official Symbol | RICTOR  |
| Synonyms        | RICTOR; RPTOR independent companion of MTOR, complex 2; rapamycin-insensitive companion of mTOR; AVO3; KIAA1999; MGC39830; PIA; pianissimo; rapamycin insensitive companion of mTOR; hAVO3; AVO3 homolog; TORC2-specific protein AVO3; mAVO3; DKFZp686B11164; |
| Entrez Gene ID  | <a href="#">253260</a>  |

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|----------------------------|---|
| <b>mRNA Refseq</b>         | <a href="#">NM_152756</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_689969</a>   |
| <b>UniProt ID</b>          | Q6R327  |
| <b>Chromosome Location</b> | 5p13.1  |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; |
| <b>Function</b>            | protein binding; ribosome binding;  |

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