

## HIG2 (C-term) Control Peptide

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| <b>Alternate names:</b>  | HILPDA, Hypoxia-inducible gene 2 protein  |
| <b>Catalog No.:</b>      | AP55589CP-N   |
| <b>Quantity:</b>         | 50 µg   |
| <b>Concentration:</b>    | 0.2 mg/ml   |
| <b>Uniprot ID:</b>       | <a href="#">Q9Y5L2</a>  |
| <b>NCBI:</b>             | <a href="#">NP_001092256.1</a>  |
| <b>GeneID:</b>           | <a href="#">29923</a>   |
| <b>Format:</b>           | <b>State:</b> Liquid peptide<br><b>Buffer System:</b> PBS pH 7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide   |
| <b>Applications:</b>     | The peptide is used for blocking the activity of HIG2 antibody Cat.-No. AP55589PU-N. It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| <b>Specificity:</b>      | <b>Control peptide for AP55589PU-N.</b> Peptide containing 16 amino acids near the carboxy terminus of human HIG2.<br><b>Species:</b> Human<br>Other species not tested.  |
| <b>Storage:</b>          | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.   |
| <b>General Readings:</b> | Simpson JC, Wellenreuther R, Poustka A, et al.: Systematic subcellular localization of novel proteins identified by large-scale cDNA sequencing. EMBO Rep. 2000; 1:287-92.  |
| <b>Pictures:</b>         | Western blot analysis in 3T3 cell lysate with HIG2 antibody Cat.-No. AP55589PU-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.  |

