

Phospho-LHX2(Y213) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3689a**Specification**

Phospho-LHX2(Y213) Antibody Blocking peptide - Product InformationPrimary Accession [P50458](#)**Phospho-LHX2(Y213) Antibody Blocking peptide - Additional Information****Gene ID** 9355**Other Names**

LIM/homeobox protein Lhx2, Homeobox protein LH-2, LIM homeobox protein 2, LHX2, LH2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP3689a](/products/AP3689a) was selected from the region of human Phospho-LHX2-pY213. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Phospho-LHX2(Y213) Antibody Blocking peptide - Protein Information**Name** LHX2**Synonyms** LH2**Function**

Acts as a transcriptional activator. Stimulates the promoter of the alpha-glycoprotein gene. Transcriptional regulatory protein involved in the control of cell differentiation in developing lymphoid and neural cell types (By similarity).

Cellular Location

Nucleus.

Phospho-LHX2(Y213) Antibody Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Phospho-LHX2(Y213) Antibody Blocking peptide - Images

Phospho-LHX2(Y213) Antibody Blocking peptide - Background

LHX2 belongs to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. This protein may function as a transcriptional regulator. This protein can recapitulate or rescue phenotypes in *Drosophila* caused by a related protein, suggesting conservation of function during evolution.

Phospho-LHX2(Y213) Antibody Blocking peptide - References

Glenn,D.J., J. Biol. Chem. 274 (51), 36159-36167 (1999)Wu,H.K., Oncogene 12 (6), 1205-1212 (1996)