

**LHX2 Antibody (Y213) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2769a****Specification**

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**LHX2 Antibody (Y213) Blocking Peptide - Product Information**Primary Accession [P50458](#)**LHX2 Antibody (Y213) 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 [AP2769a](/products/AP2769a) was selected from the Y213 region of human LHX2. 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.

**LHX2 Antibody (Y213) 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.

**LHX2 Antibody (Y213) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **LHX2 Antibody (Y213) Blocking Peptide - Images**

#### **LHX2 Antibody (Y213) 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.

#### **LHX2 Antibody (Y213) Blocking Peptide - References**

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