Anti-HMX1 monoclonal antibody (DCABH-200699)

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

PRODUCT INFORMATION

**Antigen Description**
This gene encodes a transcription factor that belongs to the H6 family of homeobox proteins. This protein can bind a 5-CAAG-3 core DNA sequence, and it is involved in the development of craniofacial structures. Mutations in this gene cause oculoauricular syndrome, a disorder of the eye and external ear.

**Immunogen**
A synthetic peptide of human HMX1 is used for rabbit immunization.

**Isotype**
IgG

**Source/Host**
Rabbit

**Species Reactivity**
Human

**Purification**
Protein A

**Conjugate**
Unconjugated

**Applications**
WB, ELISA

**Size**
1 mg

**Buffer**
In 1x PBS, pH 7.4

**Preservative**
None

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

**Gene Name**
HMX1 H6 family homeobox 1 [Homo sapiens (human)]

**Official Symbol**
HMX1

**Synonyms**
HMX1; H6 family homeobox 1; H6; NKX5-3; homeobox protein HMX1; homeobox protein H6; H6 homeodomain protein;

**Entrez Gene ID**
3166

**Protein Refseq**
NP_061815

**UniProt ID**
Q9NP08
<table>
<thead>
<tr>
<th>Chromosome Location</th>
<th>4p16.1</th>
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<tbody>
<tr>
<td>Function</td>
<td>DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;</td>
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