



Anti-SIX5 monoclonal antibody (DCABH-13449)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a homeodomain-containing transcription factor that appears to function in the regulation of organogenesis. This gene is located downstream of the dystrophia myotonica-protein kinase gene. Mutations in this gene are a cause of branchiootorenal syndrome type 2.
Immunogen	A synthetic peptide of human SIX5 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
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	SIX5 SIX homeobox 5 [Homo sapiens]
Official Symbol	SIX5
Synonyms	SIX5; SIX homeobox 5; DMAHP, sine oculis homeobox (Drosophila) homolog 5 , sine oculis

homeobox homolog 5 (Drosophila); homeobox protein SIX5; sine oculis homeobox homolog 5; DM locus-associated homeodomain protein; dystrophia myotonica-associated homeodomain protein; BOR2; DMAHP;

Entrez Gene ID	147912
Protein Refseq	NP_787071
UniProt ID	Q8N196
Chromosome Location	19q13.32
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;