

Anti-SIX5 Antibody

Rabbit polyclonal antibody to SIX5 Catalog # AP61335

Product Information

 Application
 WB

 Primary Accession
 Q8N196

 Other Accession
 P70178

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Calculated MW 74562

Additional Information

Gene ID 147912

Other Names DMAHP; Homeobox protein SIX5; DM locus-associated homeodomain protein;

Sine oculis homeobox homolog 5

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human SIX5. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name SIX5

Synonyms DMAHP

Function Transcription factor that is thought to be involved in regulation of

organogenesis. May be involved in determination and maintenance of retina formation. Binds a 5'-GGTGTCAG-3' motif present in the ARE regulatory element of ATP1A1. Binds a 5'-TCA[AG][AG]TTNC-3' motif present in the MEF3

element in the myogenin promoter, and in the IGFBP5 promoter (By similarity). Thought to be regulated by association with Dach and Eya

proteins, and seems to be coactivated by EYA1, EYA2 and EYA3 (By similarity).

Cytoplasm. Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00108,

ECO:0000269 | PubMed:12500905}

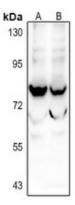
Tissue Location

Expressed in adult but not in fetal eyes. Found in corneal epithelium and endothelium, lens epithelium, ciliary body epithelia, cellular layers of the retina and the sclera

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SIX5. The exact sequence is proprietary.

Images



Western blot analysis of SIX5 expression in SGC7901 (A), LO2 (B) whole cell lysates.

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