

Six5 Polyclonal Antibody

Catalog # AP72491

Specification

Six5 Polyclonal Antibody - Product Information

Application WB
Primary Accession Q8N196
Reactivity Human,

Reactivity
Host
Clonality
Human, Mouse
Rabbit
Polyclonal

Six5 Polyclonal Antibody - Additional Information

Gene ID 147912

Other Names

SIX5; DMAHP; Homeobox protein SIX5; DM locus-associated homeodomain protein; Sine oculis homeobox homolog 5

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Six5 Polyclonal Antibody - 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).

Cellular Location

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



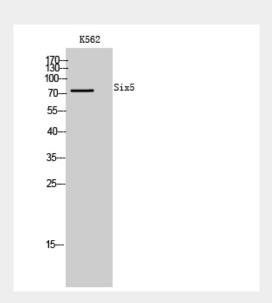
epithelium, ciliary body epithelia, cellular layers of the retina and the sclera

Six5 Polyclonal Antibody - Protocols

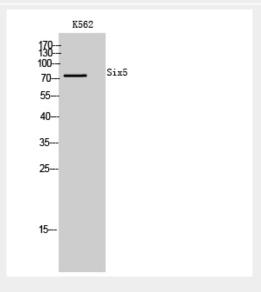
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

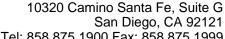
Six5 Polyclonal Antibody - Images

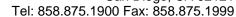


Western Blot analysis of K562 cells using Six5 Polyclonal Antibody



Western Blot analysis of K562 cells using Six5 Polyclonal Antibody







Six5 Polyclonal Antibody - Background

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