

## SIX5 Antibody

Catalog No: #34747

Package Size: #34747-1 50ul #34747-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

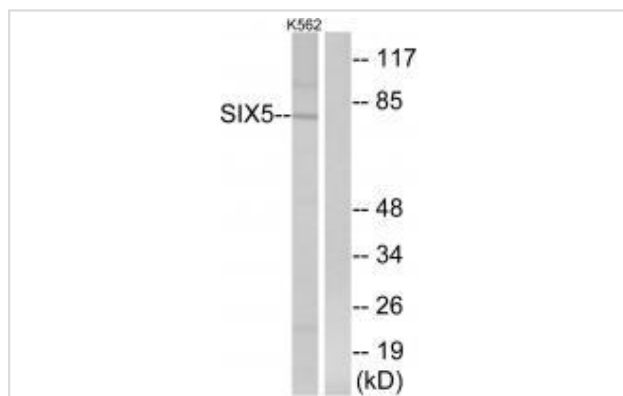
## Description

Product Name	SIX5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SIX5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SIX5.
Target Name	SIX5
Other Names	DM locus-associated homeodomain protein; DMAHP; homeobox protein SIX5;
Accession No.	Swiss-Prot: Q8N196NCBI Gene ID: 147912
Uniprot	Q8N196
GeneID	147912;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from K562 cells, using SIX5 antibody #34747.

## Background

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'-GGTGTCTCAG-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.

Boucher C.A., Hum. Mol. Genet. 4:1919-1925(1995).

Grimwood J., Nature 428:529-535(2004).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

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Note: This product is for in vitro research use only