



# Six5 rabbit pAb

Cat No.:ES4877

For research use only

## Overview

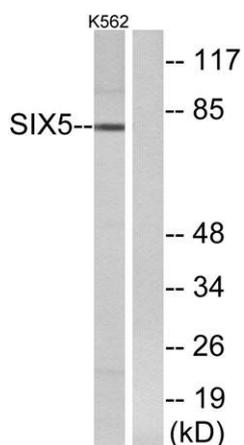
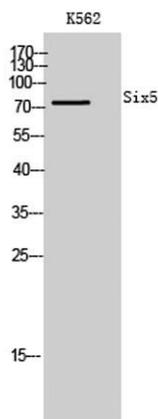
<b>Product Name</b>	Six5 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SIX5. AA range:201-250
<b>Specificity</b>	Six5 Polyclonal Antibody detects endogenous levels of Six5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Homeobox protein SIX5
<b>Gene Name</b>	SIX5
<b>Cellular localization</b>	Cytoplasm . Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	75kD
<b>Human Gene ID</b>	147912
<b>Human Swiss-Prot Number</b>	Q8N196
<b>Alternative Names</b>	SIX5; DMAHP; Homeobox protein SIX5; DM locus-associated homeodomain protein; Sine oculis homeobox homolog 5
<b>Background</b>	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



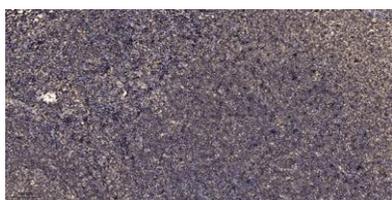


branchiootorenal syndrome type 2. [provided by RefSeq, Jul 2009],

Western Blot analysis of K562 cells using Six5 Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using SIX5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

