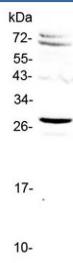


## SIX6 Antibody (R32973)

Catalog No.	Formulation	Size
R32973	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	O95475
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This SIX6 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with SIX6 antibody at 0.5ug/ml. Predicted molecular weight ~28 kDa.

## Description

The protein encoded by this gene is a homeobox protein that is similar to the *Drosophila* 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in eye development. Defects in this gene are a cause of isolated microphthalmia with cataract type 2 (MCOPCT2).

## Application Notes

Optimal dilution of the SIX6 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A188-I246 was used as the immunogen for the SIX6 antibody.

## Storage

After reconstitution, the SIX6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.