# SIX6 Antibody (R32973)

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

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide |
| **UniProt** | O95475 |
| **Applications** | Western Blot: 0.5-1ug/ml |
| **Limitations** | 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.


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