Datasheet for ABIN1533566
anti-SIX Homeobox 6 antibody (AA 121-170)

## 2 Images



## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | SIX Homeobox 6 (SIX6) |
| Binding Specificity: | AA 121-170 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Polyclonal |
| Clonality: | This SIX Homeobox 6 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |
| Application: |  |

Product Details

| Immunogen: | The antiserum was produced against synthesized peptide derived from human SIX6. |
| :--- | :--- |
| Isotype: | IgG |
| Specificity: | SIX6 Antibody detects endogenous levels of total SIX6 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | $>$ |
| Target Details | SIX Homeobox 6 (SIX6) |
| Target: | SIX6 (SIX6 Products) |
| Alternative Name: | Synonyms: Homeobox protein SIX6, Sine oculis homeobox homolog 6, Optic homeobox 2, |
| Background: |  |

## Target Details

|  | Homeodomain protein OPTX2, OPTX2, SIX9 |
| :--- | :--- |
|  | NCBI Gene Symbol: SIX6 |
| Molecular Weight: | 27 kDa |
| Gene ID: | 4990 |
| OMIM: | 606326 |
| UniProt: | 095475 |

## Application Details

| Application Notes: | WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:5000 |
| :--- | :--- |
| Comment: | Unigene-Number: Hs.194756 (NCBI Gene Symbol: SIX6) |
| Restrictions: | For Research Use only |
| Handling |  |


| Format: | Liquid |
| :--- | :--- |
| Concentration: | $1 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | phosphate buffered saline (without $\mathrm{Mg} 2+$ and $\mathrm{Ca2}+$ ), pH $7.4,150 \mathrm{mM} \mathrm{NaCl}, 0.02 \%$ sodium <br> azide and $50 \%$ glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which <br> should be handled by trained staff only. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Stable at $-20^{\circ} \mathrm{C}$ for at least 1 year. |
| Expiry Date: | 12 months |



## Western Blotting

Image 1. Western blot analysis of extracts from HuvEc/COLO205 cells, using SIX6 Antibody. The lane on the right is treated with the synthesized peptide.

## Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using SIX6 Antibody. The picture on the right is treated with the synthesized peptide.

