

Product datasheet

Anti-SIX4 antibody ab176713

[1 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-SIX4 antibody |
| Description | Rabbit polyclonal to SIX4 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human SIX4 aa 731-781 (C terminal). The exact sequence is proprietary. Sequence: SKATSSLMMLDSKSKYVLDGMVDTVCELETDKKEKELAKL QTVQLDEDMQD L |

Database link: [Q9UIU6](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: HeLa and 293T whole cell lysates. IP HeLa whole cell lysate ([ab150035](#)).

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 99% Tris buffered saline, 0.2% BSA pH 7 to 8 |

| | |
|------------------|-----------------------------|
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

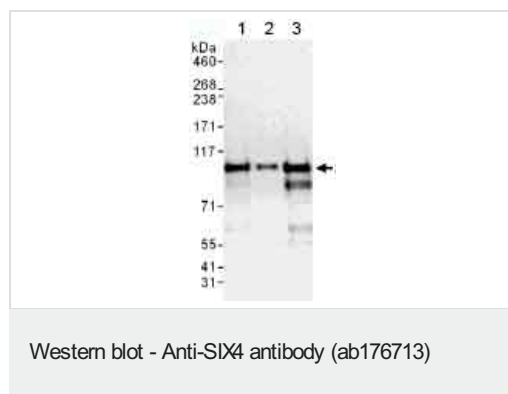
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab176713 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/2000 - 1/10000. Predicted molecular weight: 83 kDa. |
| IP | | Use at 2-10 µg/mg of lysate. |

Target

| | |
|---|--|
| Sequence similarities | Belongs to the SIX/Sine oculis homeobox family. Contains 1 homeobox DNA-binding domain. |
| Post-translational modifications | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| Cellular localization | Nucleus. |

Images



All lanes : Anti-SIX4 antibody (ab176713) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

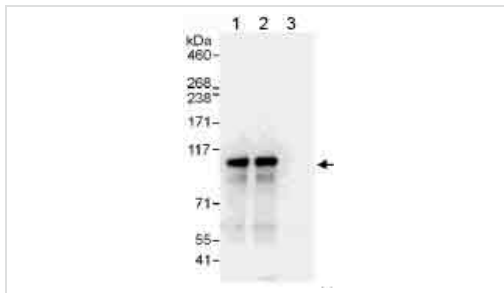
Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : 293T whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 83 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-SIX4 antibody (ab176713)

SIX4 was immunoprecipitated from 1 mg HeLa whole cell lysate using ab176713 at 6 µg/mg lysate (Lane 2), a rabbit anti-SIX4 antibody recognizing an upstream epitope (Lane 1) or control IgG (Lane 3). 20% of the Immunoprecipitate was loaded per lane and then immunobotted using ab176713 at 0.4 µg/ml.

Detection: Chemiluminescence with exposure time of 3 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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