

Product datasheet

Anti-Kaiso antibody [EPR4668] ab124777

Recombinant RabMAb

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

Overview

| | |
|---------------------|--|
| Product name | Anti-Kaiso antibody [EPR4668] |
| Description | Rabbit monoclonal [EPR4668] to Kaiso |
| Host species | Rabbit |
| Tested applications | Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | Synthetic peptide within Human Kaiso aa 600-700. The exact sequence is proprietary. |
| Positive control | WB: Human heart, MCF7, C6, PC12 or NIH 3T3 lysates |
| General notes | This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . |

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| Storage buffer | pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR4668 |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab124777 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 | | 1/1000 - 1/10000. Detects a band of approximately 95 kDa (predicted molecular weight: 74 kDa). |

Application notes

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Function

Transcriptional regulator with bimodal DNA-binding specificity. Binds to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' and also binds to the non-methylated consensus sequence 5'-CTGCNA-3'. Recruits the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters. May contribute to the repression of target genes of the Wnt signaling pathway. May also activate transcription of a subset of target genes by the recruitment of CTNND2.

Tissue specificity

Expressed in vascular endothelium.

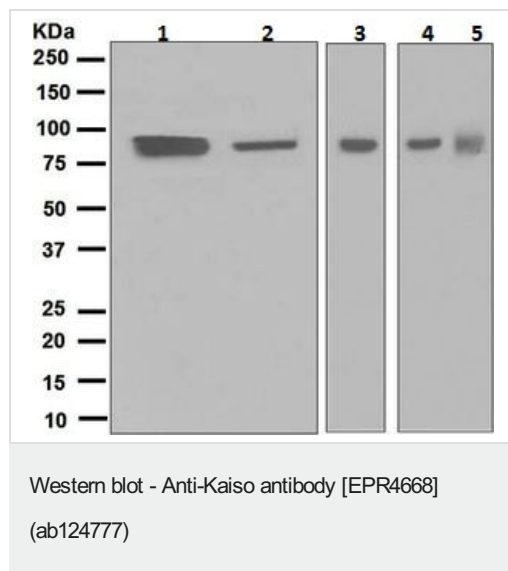
Sequence similarities

Contains 1 BTB (POZ) domain.
Contains 3 C2H2-type zinc fingers.

Cellular localization

Nucleus. Cytoplasm. Also cytoplasmic in cells grown at high densities.

Images



All lanes : Anti-Kaiso antibody [EPR4668] (ab124777) at 1/1000 dilution

Lane 1 : Human heart lysate

Lane 2 : MCF7 lysate

Lane 3 : C6 lysate

Lane 4 : PC12 lysate

Lane 5 : NIH 3T3 lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

Predicted band size: 74 kDa

Observed band size: 95 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Kaiso antibody [EPR4668] (ab124777)

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

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