

Product datasheet

Anti-GSC antibody [EPR4847] ab109024

Recombinant RabMAb

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

Overview

Product name	Anti-GSC antibody [EPR4847]
Description	Rabbit monoclonal [EPR4847] to GSC
Host species	Rabbit
Specificity	Negative WB result with mouse brain, heart, kidney and spleen tissue lysates, but there is a feedback this antibody detected mouse GSC with NMuMG (mouse mammary gland, normal epithelial) cell lysate. Other samples has not been tested.
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human brain, HT29, MCF7, and HepG2 lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4847
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab109024 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)	1/1000 - 1/10000. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).

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

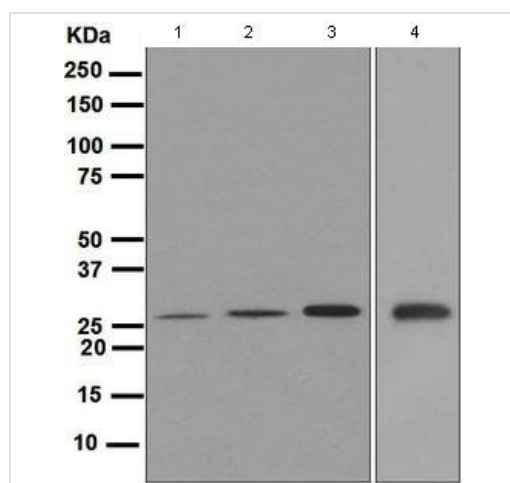
Target

Function Regulates chordin (CHRD). May play a role in spatial programming within discrete embryonic fields or lineage compartments during organogenesis. In concert with NKX3-2, plays a role in defining the structural components of the middle ear; required for the development of the entire tympanic ring.

Sequence similarities Belongs to the paired homeobox family. Bicoid subfamily. Contains 1 homeobox DNA-binding domain.

Cellular localization Nucleus.

Images



Western blot - Anti-GSC antibody [EPR4847]
(ab109024)

All lanes : Anti-GSC antibody [EPR4847] (ab109024) at 1/1000 dilution

Lane 1 : Human brain lysate

Lane 2 : HT29 lysate

Lane 3 : MCF7 lysate

Lane 4 : HepG2 lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 28 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-GSC antibody [EPR4847] (ab109024)

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

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