


Product datasheet

Biotin Anti-Syntaxin 3 antibody [EPR8543] ab201528

Recombinant RabMAb

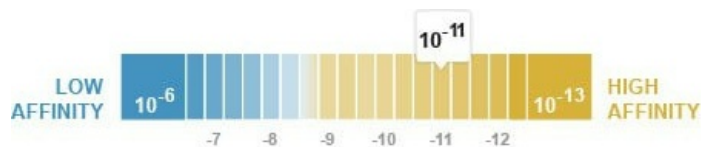
2 Images

Overview

| | |
|----------------------------|---|
| Product name | Biotin Anti-Syntaxin 3 antibody [EPR8543] |
| Description | Biotin Rabbit monoclonal [EPR8543] to Syntaxin 3 |
| Host species | Rabbit |
| Conjugation | Biotin |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat  |
| Immunogen | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | IHC-P: FFPE, normal human kidney tissue. |
| General notes | 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C. Store In the Dark. |
| Dissociation constant (K_D) | K _D = 2.34 x 10 ⁻¹¹ M |



[Learn more about K_D](#)

| | |
|-----------------------|---|
| Storage buffer | pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 30% Glycerol (glycerin, glycerine), PBS |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR8543 |

Isotype

IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab201528 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 |
|-------------|-----------|---|
| IHC-P | | 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

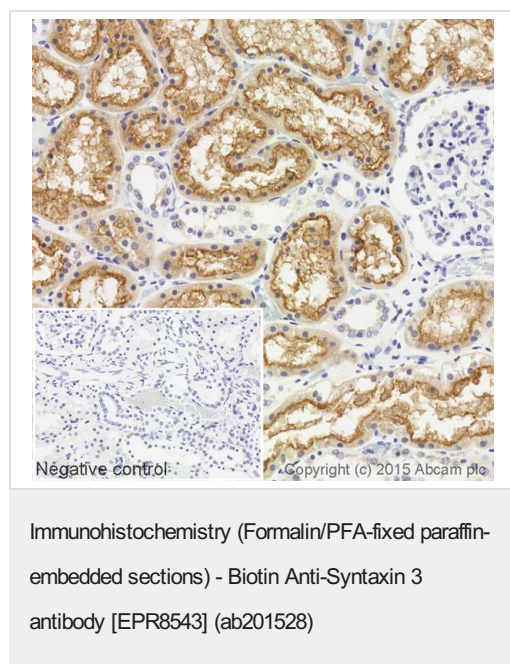
Target

Function Potentially involved in docking of synaptic vesicles at presynaptic active zones.

Sequence similarities Belongs to the syntaxin family.
Contains 1 t-SNARE coiled-coil homology domain.

Cellular localization Membrane.

Images



IHC image of Syntaxin 3 staining in a section of formalin-fixed paraffin-embedded normal human kidney*, performed on a Leica Bond™ system using the standard protocol B. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins, before blocking of endogenous biotin. The section was then incubated with ab201528, 1/100 dilution, for 15 mins at room temperature and detected using an HRP conjugated ABC system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset negative control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre.

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

Biotin Anti-Syntaxin 3 antibody [EPR8543]
(ab201528)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors