


Product datasheet

Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free ab251077

Recombinant RabMAb

[5 Images](#)

Overview

Product name	Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free
Description	Rabbit monoclonal [EPR8781(3)] to CCN3 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, 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.
General notes	<p>ab251077 is the carrier-free version of ab191425.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8781(3)
Isotype	IgG

Applications

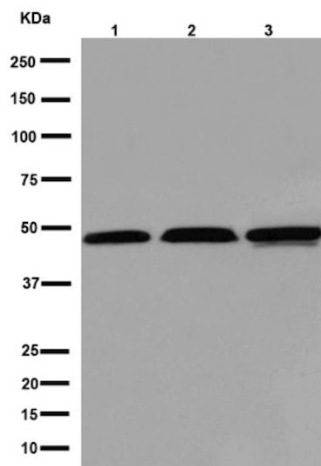
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251077 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 44 kDa (predicted molecular weight: 39 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Immediate-early protein likely to play a role in cell growth regulation.
Tissue specificity	Expressed in bone marrow, thymic cells and neuroblastoma. Increased expression in Wilms tumor of the stromal type.
Sequence similarities	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain. Contains 1 VWFC domain.
Cellular localization	Secreted.

Images



Western blot - Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free (ab251077)

All lanes : Anti-CCN3 antibody [EPR8781(3)] ([ab191425](#)) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293 cell lysate

Lane 3 : Caco-2 cell lysate

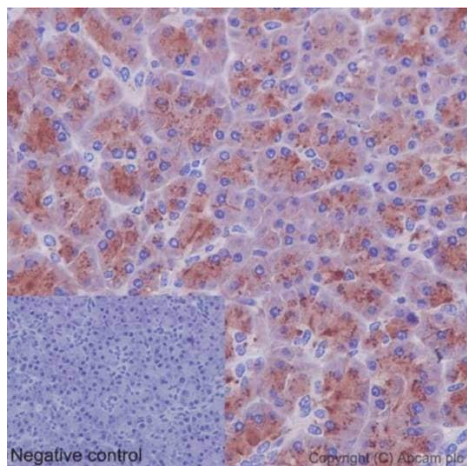
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

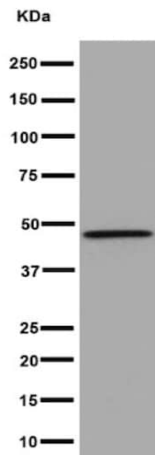
Predicted band size: 39 kDa

This data was developed using [ab191425](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free (ab251077)

This data was developed using [ab191425](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling CCN3 with [ab191425](#) at 1/100 dilution followed by pre-diluted HRP Polymer for Rabbit IgG secondary antibody and counter-stained with Hematoxylin. Inset: Negative control: using PBS instead of primary antibody. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free (ab251077)

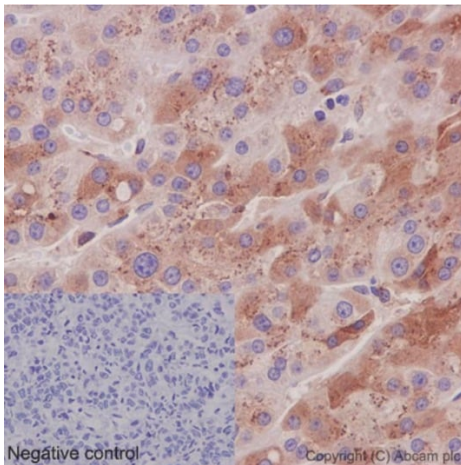
Anti-CCN3 antibody [EPR8781(3)] ([ab191425](#)) at 1/5000 dilution + TT lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 39 kDa



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCN3 antibody [EPR8781(3)] - BSA and Azide free (ab251077)

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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-CCN3 antibody [EPR8781(3)] - BSA and Azide free (ab251077)

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

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