

Product datasheet

Anti-Sacsin antibody [EPR11864] ab181190

Recombinant RabMAb

[3 References](#) [3 Images](#)

Overview

Product name	Anti-Sacsin antibody [EPR11864]
Description	Rabbit monoclonal [EPR11864] to Sacsin
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain lysate. Human glioma lysate.
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>

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	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR11864
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181190 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 - 1/2000. Predicted molecular weight: 521 kDa.

Target

Function

Co-chaperone which acts as a regulator of the Hsp70 chaperone machinery and may be involved in the processing of other ataxia-linked proteins.

Tissue specificity

Highly expressed in the central nervous system. Also found in skeletal muscle and at low levels in pancreas.

Involvement in disease

Spastic ataxia Charlevoix-Saguenay type

Sequence similarities

Contains 1 HEPN domain.

Contains 1 J domain.

Contains 1 ubiquitin-like domain.

Domain

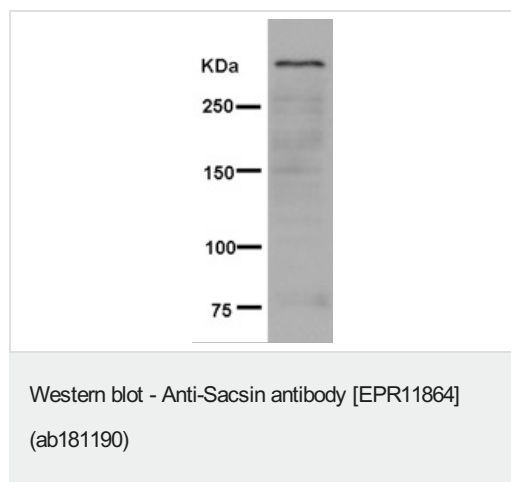
The ubiquitin-like domain mediates interaction with the proteasome.

The J domain is functional and is shown to stimulate E.coli dnaK ATPase activity.

Cellular localization

Cytoplasm. Predominantly cytoplasmic, a small portion is present in the nucleus and also shows a partial mitochondrial overlap with the mitochondrial marker Hsp60.

Images



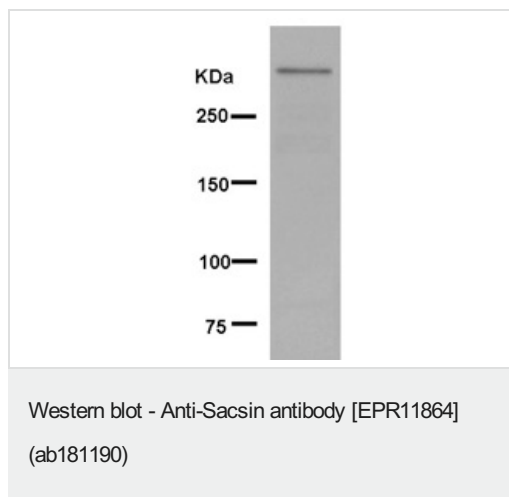
Anti-Sacsin antibody [EPR11864] (ab181190) at 1/5000 dilution + Human glioma tissue lysate at 20 µg

Secondary

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

Predicted band size: 521 kDa

Additional bands at: 437 kDa (possible isoform)



Anti-Sacsin antibody [EPR11864] (ab181190) at 1/2000 dilution + Human fetal brain at 20 µg





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Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Sacsin antibody [EPR11864] (ab181190)

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

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- 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

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