

Product datasheet

Anti-SMCR7 antibody ab101350

★★★★☆ 1 Abreviews 1 Image

Overview

Product name	Anti-SMCR7 antibody
Description	Rabbit polyclonal to SMCR7
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 299-441 of Human SMCR7 (AAH14973).
Positive control	293T, A431, Jurkat and Raji whole cell lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab101350** in the following tested applications.

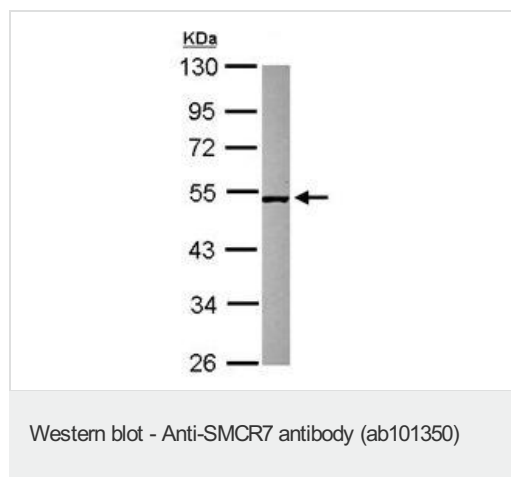
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	1/500 - 1/3000. Predicted molecular weight: 49 kDa.

Target

Function	Mitochondrial outer membrane protein which regulates mitochondrial fission. Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface independently of the mitochondrial fission FIS1 and MFF proteins. Regulates DNM1L GTPase activity.
Tissue specificity	Expressed in all tissues tested with highest expression in heart and skeletal muscle.
Sequence similarities	Belongs to the MID49/MID51 family.
Cellular localization	Mitochondrion outer membrane. Colocalizes with DNM1L at mitochondrial membrane. Forms foci and rings around mitochondria.

Images



Anti-SMCR7 antibody (ab101350) at 1/500 dilution + Raji whole cell lysate at 30 µg

Predicted band size: 49 kDa

10% SDS PAGE

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