


Product datasheet

Anti-SCC112 antibody ab17960

1 References 1 Image

Overview

Product name	Anti-SCC112 antibody
Description	Rabbit polyclonal to SCC112
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
Immunogen	The immunogen is within the region between residues 1150 and 1200 of human SCC-112.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab17960** in the following tested applications.

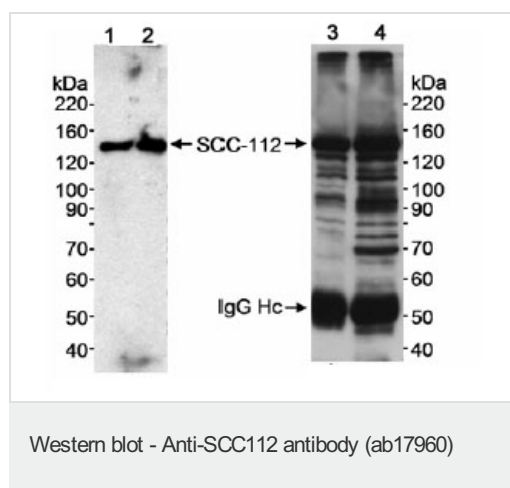
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 µg/ml. Detects a band of approximately 150 kDa (predicted molecular weight: 150 kDa).
IP		Use at 2 µg/mg of lysate.

Target

Function	Probable regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.
Tissue specificity	Highest level in colon. Low levels in lung, ovary, breast and kidney. Reduced level in renal tumor tissue. Isoform 2 is expressed in kidney.
Sequence similarities	Belongs to the PDS5 family. Contains 1 HEAT repeat.
Developmental stage	Cell cycle-regulated with highest level in G2 phase.
Cellular localization	Nucleus. Associated with chromatin through most of the cell cycle. Dissociates from chromatin in late prophase, reassociates during late telophase.

Images



Western blot and IP using ab17960 at 0.1 µg/ml for Western blot and at 2 µg/ml for IP.

Lane 1: WB; 5 µg of NE

Lane 2: WB; 20 µg of NE

Lane 3: IP (with ab17960) followed by WB; 1 mg of NE;

Lane 4: IP (with a different antibody) followed by WB; 1 mg of NE

5 to 20 µg of nuclear extract (NE) from HeLa cell lysate were used for WB. 1 mg of nuclear extract (NE) from HeLa cell lysate were used for IP.

Detection: Chemiluminescence with an exposure time of less than 5 minutes.

Western blot and IP using ab17960 at 0.1 µg/ml for Western blot and at 2 µg/ml for IP.

Lane 1: WB; 5 µg of NE

Lane 2: WB; 20 µg of NE

Lane 3: IP (with ab17960) followed by WB; 1 mg of NE;

Lane 4: IP (with a different antibody) followed by WB; 1 mg

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