

Recombinant Human SCC112 protein ab161580

1 Image

Description	
Product name	Recombinant Human SCC112 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MIHLLAHDPDFTRSQDVDQLRDIKECLWFMLEVLMTKNEN NSHAFMKKMA ENIKLTRDAQSPDESKTNEKLYTVCDVALCVINSKSALCN ADSPKDPVLP MKFFTQPEKDFCNDKSYISEETRVLLLTKGPKPAGVLGAV NKPLSATGRK PYVRSTGTETGSNINVNSELNPSTGNRSREQSSEAAETGV SENEENPVRI ISVTPVKNIDPVKNKEINSDQATQGNISSDRGKKRTVTAAG AENIQQKTD EKVDESGPPAPSKPRRGRRPKSESQGNATKNDDLNPIN KGRKRAAVGQE SPGGLEAGNAKAPKLQDLAKKAAPAERQIDLQR
Amino acids	1 to 333
Tags	GST tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab161580 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA Western blot
Form	Liquid
Additional notes	

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

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.

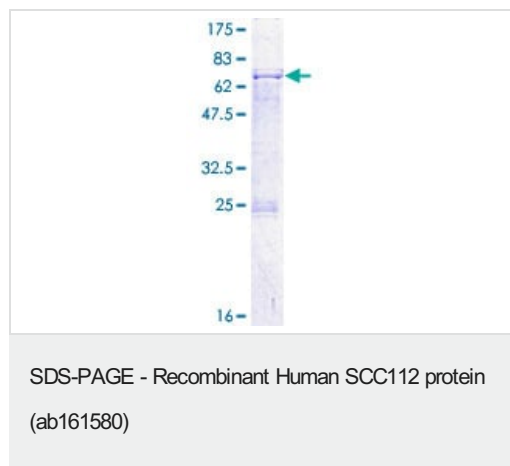
Developmental stage

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



ab161580 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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- Response to your inquiry within 24 hours
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