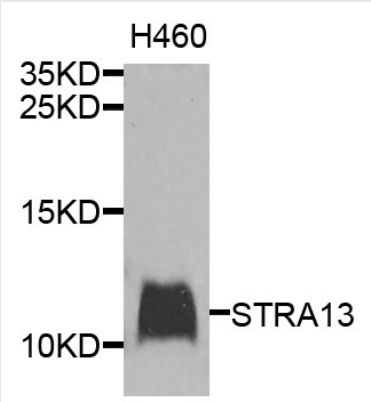
STRA13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STRA13, Polyclonal Antibody
Full Product Name	STRA13 Polyclonal Antibody
Product Gene Name	anti-STRA13 antibody
Product Synonym Names	BHLHB2; bHLHe40; Class B Basic Helix Loop Helix Protein 2; Class E basic helix loop helix protein 40; Clast5; DEC1; Differentially expressed in chondrocytes protein 1; E47 interaction protein 1; EIP1; Enhancer of split and hairy related protein 2; SHARP 2; Stimulated by retinoic acid gene 13 protein; STRA13
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	9kDa
OMIM	U95006 mRNA
Immunogen	Recombinant protein of human STRA13
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169459
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-STRA13 antibody	Western Blot (WB)
Application Notes for anti-STRA13 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-STRA13 antibody	MBS2541104 is an antibody targeting STRA13. Also known as STRA13 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-STRA13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-STRA13 antibody
Western blot analysis of extracts of H460 cells, using STRA13 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STRA13. It may not necessarily be applicable to this product.

NCBI GI #	15079574
NCBI GeneID	201254
UniProt Secondary Accession #	O00281; O00282; Q96DD4; Q96F51
UniProt Related Accession #	A8MT69
NCBI Official Full Name	STRA13 protein, partial
NCBI Official Synonym Full Names	centromere protein X
NCBI Official Symbol	CENPX
NCBI Official Synonym Symbols	D9; MHF2; CENP-X; FAAP10; STRA13
UniProt Protein Name	Centromere protein X
UniProt Synonym Protein Names	FANCM-interacting histone fold protein 2; Fanconi anemia-associated polypeptide of 10 kDa; Retinoic acid-inducible gene D9 protein homolog; Stimulated by retinoic acid gene 13 protein homolog
Protein Family	Centromere protein
UniProt Gene Name	STRA13
UniProt Synonym Gene Names	CENPX; FAAP10; MHF2; CENP-X
UniProt Entry Name	CENPX_HUMAN
NCBI Protein Information	centromere protein X

UniProt Comments for STRA13	STRA13: DNA-binding component of the FA core complex involved in DNA damage repair and genome maintenance. Recruited to forks stalled by DNA interstrand cross-links, and required for cellular resistance to such lesions. Component of the heterotetrameric CENP-T-W-S-X complex that binds and supercoils DNA, and plays an important role in kinetochore assembly. Component of the APITD1/CENPS complex that is essential for the stable assembly of the outer kinetochore. Plays an important role in mitotic progression and chromosome segregation. Belongs to the CENPX family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Cell cycle regulation; DNA-binding Chromosomal Location of Human Ortholog: 17q25.3 Cellular Component: nucleoplasm Molecular Function: DNA binding; double-stranded DNA binding; protein binding Biological Process: DNA replication-independent nucleosome assembly at centromere; positive regulation of protein ubiquitination; replication fork processing; resolution of meiotic joint molecules as recombinants
Research Articles on STRA13	**1.** MHF prefers branched DNA over dsDNA because it engages two duplex arms. MHF engages DNA forks or various four-way junctions independent of the junction-site structure. The DNA-binding interface of MHF is important for cellular resistance to DNA damage.
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