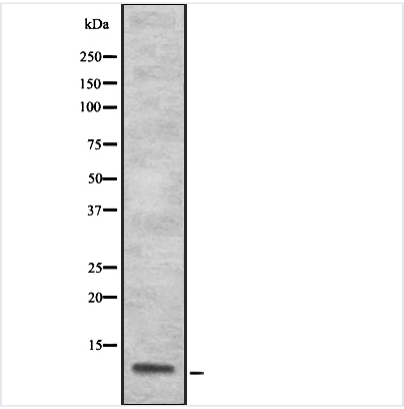
S100A13 Antibody

PRODUCT OVERVIEW

Product Name	S100A13, Antibody
Full Product Name	S100A13 Antibody
Product Gene Name	anti-S100A13 antibody
Molecular Weight	11,471 Da
OMIM	601989
3D Structure	ModBase 3D Structure for Q99584
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-S100A13 antibody	MBS8517384 is an antibody targeting S100A13. Also known as S100A13 Antibody.
Other Notes	Small volumes of anti-S100A13 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-S100A13 antibody
Western blot analysis S100A13 using 293 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for S100A13. It may not necessarily be applicable to this product.

NCBI GI #	66737368
NCBI GeneID	6284
NCBI Accession #	NP_001019381.1
UniProt Primary Accession #	Q99584
UniProt Secondary Accession #	Q52PI9; Q6FGF8
UniProt Related Accession #	Q99584
GenBank Nucleotide #	NM_001024210.1
NCBI Official Full Name	protein S100-A13

NCBI Official Synonym Full Names	S100 calcium binding protein A13
NCBI Official Symbol	S100A13
UniProt Protein Name	Protein S100-A13
UniProt Synonym Protein Names	S100 calcium-binding protein A13
Protein Family	Protein
UniProt Gene Name	S100A13
NCBI Protein Information	protein S100-A13
NCBI Summary for S100A13	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein is widely expressed in various types of tissues with a high expression level in thyroid gland. In smooth muscle cells, this protein co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for S100A13	Plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. Binds two calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not interfere with calcium binding. Required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine ().
Research Articles on S100A13	**1.** This is the first report for the association between HMGA1 and S100A13 expression in the modulation of thyroid cancer growth and invasion.
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