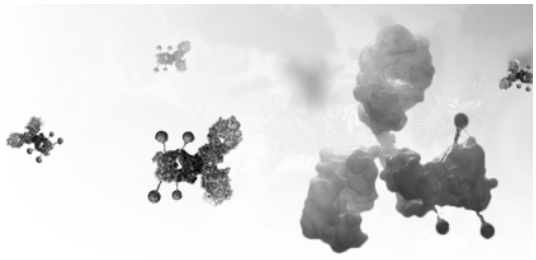

Rabbit Anti-Human S100A2 Polyclonal Antibody (CABT-L2181)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to S100 Calcium Binding Protein A2 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against S100A2. It has been selected for its ability to recognize S100A2 in immunohistochemical staining and western blotting.
Target	S100A2
Immunogen	Recombinant fragment corresponding to human S100A2 (Met2~Pro98)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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 may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer. [provided by RefSeq, Jul 2008]
Keywords	S100-A2;CAN19;S100L

GENE INFORMATION

Gene Name	S100A2 S100 calcium binding protein A2 [Homo sapiens (human)]
Official Symbol	S100A2
Synonyms	S100A2; S100 calcium binding protein A2; CAN19; S100L; protein S100-A2; S100 calcium-binding protein A2;
Entrez Gene ID	6273
Protein Refseq	NP_005969
UniProt ID	P29034
Chromosome Location	1q21
Pathway	Direct p53 effectors;
Function	calcium ion binding; identical protein binding; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221