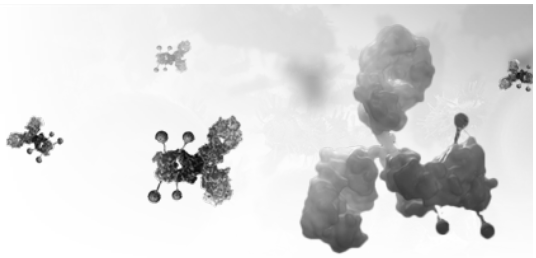

Anti-S100A6 (aa 18-90) polyclonal antibody (DPAB-DC2771)

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

PRODUCT INFORMATION

Antigen Description	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 function in stimulation of Ca2+-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.
Immunogen	S100A6 (NP_055439, 18 a.a. ~ 90 a.a) partial recombinant protein with GST tag. The sequence is KYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARLMEDLDRNKDQEVNFQEYVTFL GALALIYSEALKG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	S100A6 S100 calcium binding protein A6 [Homo sapiens (human)]
Official Symbol	S100A6
Synonyms	S100A6; S100 calcium binding protein A6; 2A9; PRA; 5B10; CABP; CACY; protein S100-A6; MLN 4; calcyclin; growth factor-inducible protein 2A9; prolactin receptor-associated protein; S100 calcium-binding protein A6 (calcyclin);
Entrez Gene ID	6277
Protein Refseq	NP_055439
UniProt ID	P06703
Chromosome Location	1q21
Pathway	Gastric cancer network 2;
Function	S100 protein binding; calcium ion binding; calcium-dependent protein binding; ion transmembrane transporter activity

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