



Anti-S100A4 (full length) polyclonal antibody (DPAB-DC2769)

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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Immunogen	S100A4 (AAH16300, 1 a.a. ~ 101 a.a) full-length recombinant protein with GST tag. The sequence is MACPLEKALDVMVSTFHKYSGKEGDKFKLNKSELKELLTRELP SFLGKRTDEAAFQKLMS NLDSNRDNEVDFQEYCVFLSCIAMMCDEFFEGFPDKQPRKK
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

Gene Name	S100A4 S100 calcium binding protein A4 [Homo sapiens (human)]
Official Symbol	S100A4
Synonyms	S100A4; S100 calcium binding protein A4; 42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98; protein S100-A4; protein Mts1; fibroblast-specific protein-1; placental calcium-binding protein; malignant transformation suppression 1; leukemia multidrug resistance associated protein; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog);
Entrez Gene ID	6275
Protein Refseq	NP_002952
UniProt ID	P26447
Chromosome Location	1q21
Function	RAGE receptor binding; actin binding; calcium ion binding; calcium-dependent protein binding