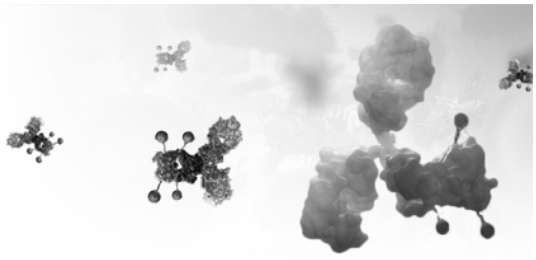

# Human S100A4 blocking peptide (CDBP2586)

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

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-S100A4/CAPL antibody |
| **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. [provided by RefSeq, Jul 2008] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | Apuri, BL, ELISA |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | S100A4 S100 calcium binding protein A4 [ Homo sapiens ] |
| **Official Symbol** | S100A4 |

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|---|---|
| **Synonyms** | S100A4; S100 calcium binding protein A4; CAPL, MTS1, S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) , S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); protein S100-A4; 18A2; 42A; fibroblast specific protein 1; FSP1; P9KA; PEL98; 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); CAPL; MTS1; |
| **Entrez Gene ID** | 6275 |
| **mRNA Refseq** | NM_002961 |
| **Protein Refseq** | NP_002952 |
| **UniProt ID** | P26447 |
| **Chromosome Location** | 1q12-q22 |
| **Function** | RAGE receptor binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding; |

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