



Anti-S100A3 (aa 1-101) polyclonal antibody (DPAB-DC2768)

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 has the highest content of cysteines of all S100 proteins, has a high affinity for Zinc, and is highly expressed in human hair cuticle. The precise function of this protein is unknown.
Immunogen	S100A3 (NP_002951, 1 a.a. ~ 101 a.a) partial recombinant protein with GST tag. The sequence is MARPLEQAVAAIVCTFQEYAGRCGDKYKLCQAELKELLQKELATWTPTEFREC DYNKFMS VLDTNKDCEVDFVEYVRS LACLCLYCHEYFKDCPSEPPCSQ
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	S100A3 S100 calcium binding protein A3 [Homo sapiens (human)]
Official Symbol	S100A3
Synonyms	S100A3; S100 calcium binding protein A3; S100E; protein S100-A3; S100 calcium-binding protein A3;
Entrez Gene ID	6274
Protein Refseq	NP_002951
UniProt ID	P33764
Chromosome Location	1q21
Function	calcium ion binding; zinc ion binding;