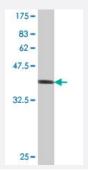# S100A3 polyclonal antibody (A01)

Catalog #   H00006274-A01   Size   50 uL

Applications

Western Blot detection against Immunogen (37.22 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant S100A3.
Immunogen	S100A3 (NP_002951, 1 a.a. ~ 101 a.a) partial recombinant protein with GST tag.
Sequence	MARPLEQAVAAIVCTFQEYAGRCGDKYKLCQAELKELLQKELATWTPTEFRECDYNKFMSVLDT NKDCEVDFVEYVRSLACLCLYCHEYFKDCPSEPPCSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.22 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- ELISA

Gene Info — S100A3

Entrez GeneID	[6274](#)
GeneBank Accession#	[NM_002960](#)
Protein Accession#	[NP_002951](#)
Gene Name	S100A3
Gene Alias	S100E
Gene Description	S100 calcium binding protein A3
Omim ID	[176992](#)
Gene Ontology	[Hyperlink](#)
Gene Summary	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. [provided by RefSeq
Other Designations	OTTHUMP00000015474|OTTHUMP00000032963|S100 calcium-binding protein A3

Publication Reference

- [The Vitamin D Receptor Is a Wnt Effector that Controls Hair Follicle Differentiation and Specifies Tumor Type in Adult Epidermis.](#)

  Palmer HG, Anjos-Afonso F, Carmeliet G, Takeda H, Watt FM.

  PLoS ONE 2008 Jan; 3(1):e1483.

  Application: IF, Mouse, Hair follicles

Disease

- [Dermatitis](#)

- [Genetic Predisposition to Disease](#)