



S-100A3 rabbit pAb

Cat No.:ES7113

For research use only

Overview

Product Name	S-100A3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human S100A3. AA range:26-75
Specificity	S-100A3 Polyclonal Antibody detects endogenous levels of S-100A3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein S100-A3
Gene Name	S100A3
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	6274
Human Swiss-Prot Number	P33764
Alternative Names	S100A3; S100E; Protein S100-A3; Protein S-100E; S100 calcium-binding protein A3
Background	S100 calcium binding protein A3(S100A3) Homo sapiens 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, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using S100A3 Antibody. The picture on the right is blocked with the synthesized peptide.

