

**S-100A3 rabbit pAb****Cat#: orb769988 (Manual)**

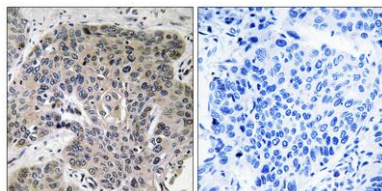
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<b>Product Name</b>	S-100A3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human S100A3. AA range:26-75
<b>Specificity</b>	S-100A3 Polyclonal Antibody detects endogenous levels of S-100A3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Protein S100-A3
<b>Gene Name</b>	S100A3
<b>Cellular localization</b>	Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	22kD
<b>Human Gene ID</b>	6274
<b>Human Swiss-Prot Number</b>	P33764
<b>Alternative Names</b>	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.**