



S-100A16 rabbit pAb

Cat No.:ES4822

For research use only

Overview

Product Name	S-100A16 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. 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 S100A16. AA range:19-68
Specificity	S-100A16 Polyclonal Antibody detects endogenous levels of S-100A16 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-A16
Gene Name	S100A16
Cellular localization	Nucleus, nucleolus . Cytoplasm . Primarily nucleolar. A high intracellular calcium level induces nucleolar exit and nucleocytoplasmic transport, whereas a low intracellular calcium level leads to nuclear translocation and accumulation within specific region of nucleoli (PubMed:17030513).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	140576
Human Swiss-Prot Number	Q96FQ6
Alternative Names	S100A16; S100F; AAG13; Protein S100-A16; Aging-associated gene 13 protein; Protein S100-F;

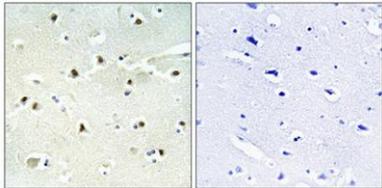




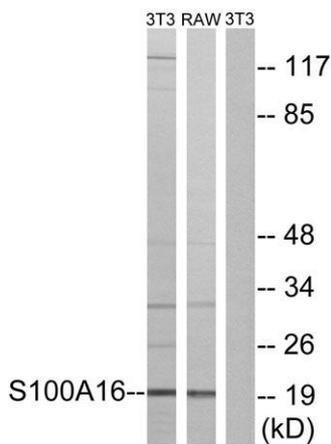
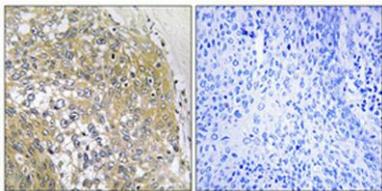
Background

S100 calcium-binding protein A16
similarity:Belongs to the S-100
family.,similarity:Contains 2 EF-hand domains.,

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by i



Immunohistochemical analysis of paraffin-embedded Human cervix cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

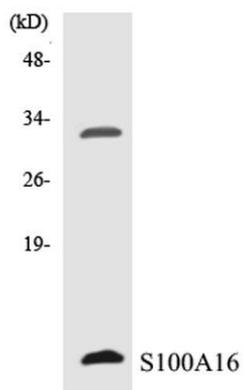


Western blot analysis of lysates from NIH/3T3 and RAW264.7 cells, using S100A16 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from RAW264.7 cells using S100A16 antibody.



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