



S10AE Polyclonal Antibody

Catalog No	YP-Ab-05989
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	S100A14 S100A15
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	S10AE Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	S114;S100A15;S100 calcium-binding protein A14;Protein S100-A14;Protein S100 A14;S10AE;S100A14 S100A15;Protein S100-A14 (S100 calcium-binding protein A14) (S114)
Observed Band	11kD
Calculated Molecular Weight	11kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed at highest levels in colon and at moderate levels in thymus, kidney, liver, small intestine, and lung. Low expression in heart and no expression is seen in brain, skeletal muscle, spleen, placenta and peripheral blood leukocytes.
Function	similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains., tissue specificity:Expressed at highest levels in colon and at moderate levels in thymus, kidney, liver, small intestine, and lung. Low expression in heart and no expression is seen in brain, skeletal muscle, spleen, placenta and peripheral blood leukocytes.,
Background	This gene encodes a member of the S100 protein family which contains an EF-hand motif and binds calcium. The gene is located in a cluster of S100 genes on chromosome 1. Levels of the encoded protein have been found to be lower in



cancerous tissue and associated with metastasis suggesting a tumor suppressor function (PMID: 19956863, 19351828). [provided by RefSeq, Dec 2011],

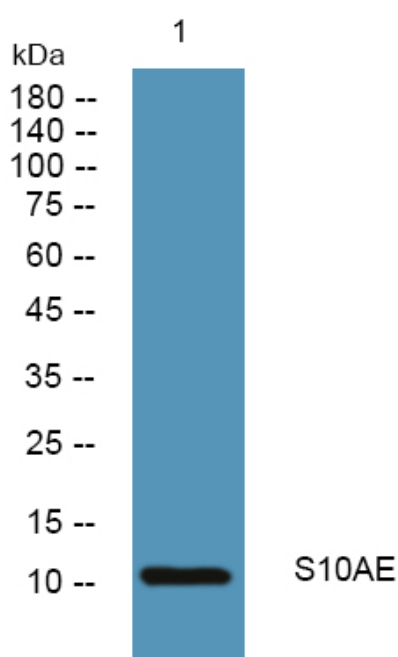
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night