



# Rabbit Anti-Human S100A4 polyclonal antibody (CABT-L1837)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rat
<b>Target</b>	S100A4
<b>Immunogen</b>	Recombinant protein encoding full length human S100A4.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunoaffinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB
<b>Molecular Weight</b>	12 kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	Melanoma, Tonsil
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

---

## BACKGROUND

**Introduction** S100 belongs to the family of calcium binding proteins such as calmodulin and troponin C. S100A is composed of an alpha and beta chain whereas S100B is composed of two beta chains. S100 protein is also expressed in the antigen presenting cells such as the Langerhans cells in skin and interdigitating reticulum cells in the paracortex of lymph nodes.

---

**Keywords** S100A4;S100 calcium binding protein A4;42A;18A2;CAPL;FSP1;MTS1;P9KA;PEL98;protein S100-A4;protein Mts1;fibroblast-specific protein-1;placental calcium-binding protein;malignant transformation suppression 1;leukemia multidrug resistance associated protein;S100 calcium-binding protein A4 (calcium protein;calvasculin;metastasin;murine placental homolog) ;LK-1

---

## GENE INFORMATION

**Entrez Gene ID** [6275](#)

---

**UniProt ID** [P26447](#)

---