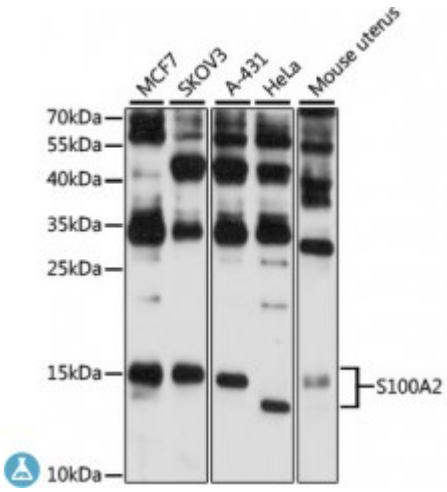
Anti-S100A2 Antibody



Description	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 may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer.

Model	STJ114521
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human S100A2 (NP_005969.1).
Gene ID	6273
Gene Symbol	S100A2
Dilution range	WB 1:1000 - 1:2000
Tissue Specificity	A subset of epithelial cells including normal human mammary epithelial cells and keratinocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Protein S100-A2 CAN19 Protein S-100L S100 calcium-binding protein A2

Molecular Weight	11.117 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10492OMIM:176993
Alternative Names	Protein S100-A2 CAN19 Protein S-100L S100 calcium-binding protein A2
Function	May function as calcium sensor and modulator, contributing to cellular calcium signaling, May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes, May also play a role in suppressing tumor cell growth,