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Product datasheet for TA371049S

S100 alpha 2 (S100A2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Hela cell lysate IHC: 100-300 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human S100A2
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	11 kDa
Gene Name:	S100 calcium binding protein A2
Database Link:	Entrez Gene 6273 Human P29034
Background:	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.

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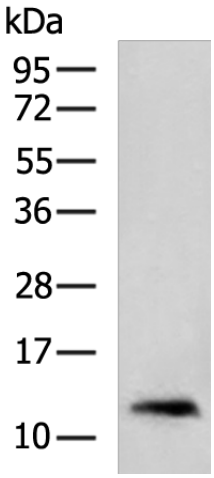
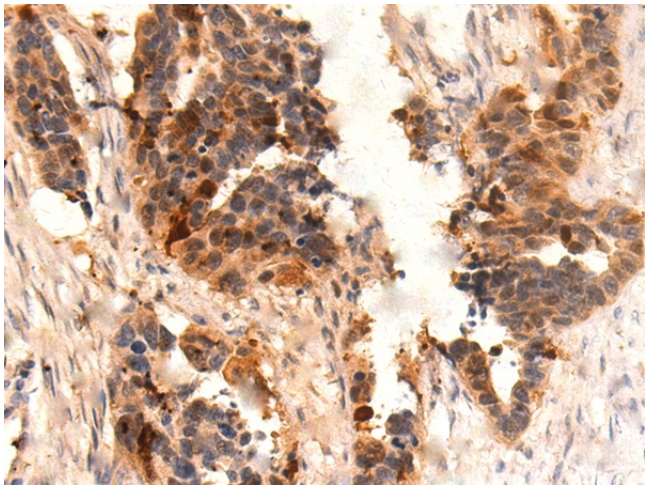
Synonyms: CAN19; MGC111539; OTTHUMP00000032968; OTTHUMP00000032969; S100L

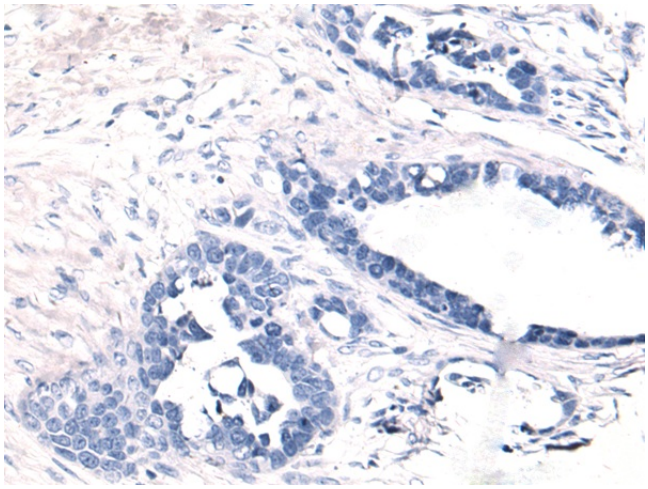
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Hela cell lysate
Primary antibody: [TA371049] (S100A2 Antibody) at dilution 1/2000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 40 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA371049] (S100A2 Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA371049] (S100A2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)