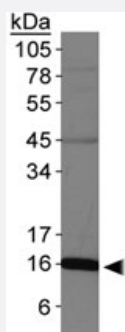


S100A9 polyclonal antibody

Catalog # PAB12045

Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of S100A9 in DMSO treated HL-60 whole cell lysates with S100A9 polyclonal antibody (Cat # PAB12045).

Specification

Product Description Rabbit polyclonal antibody raised against full length recombinant S100A9.

Immunogen Recombinant protein corresponding to full length human S100A9.

Host Rabbit

Reactivity Human, Mouse, Rat

Form Liquid

Recommend Usage
Immunocytochemistry (1:50-1:200)
Immunofluorescence (1:50-1:200)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In antiserum (0.09% sodium azide)

Storage Instruction
Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of S100A9 in DMSO treated HL-60 whole cell lysates with S100A9 polyclonal antibody (Cat # PAB12045).

- Immunocytochemistry

- Immunofluorescence

Gene Info — S100A9

Entrez GeneID	6280
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Protein Accession#	P06702
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Gene Name	S100A9
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Gene Alias	60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14
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Gene Description	S100 calcium binding protein A9
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Omim ID	123886
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Gene Ontology	Hyperlink
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Gene Summary	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 function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq]
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Other Designations	OTTHUMP00000015331 S100 calcium-binding protein A9 S100 calcium-binding protein A9 (calgranulin B) calgranulin B
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Publication Reference

- [Identification of genes underlying the enhancement of immunity by a formula of lentinan, pachymaran and tremelia polysaccharides in immunosuppressive mice.](#)

Luo X, Huang S, Luo S, Liao H, Wang Y, Deng X, Ma F, Ma CW, Zhou L.

Scientific Reports 2018 Jul; 8(1):10082.

Application: WB-Ce, Mouse, T, B cells

- [S100A8 and S100A9 overexpression is associated with poor pathological parameters in invasive ductal carcinoma of the breast.](#)

Arai K, Takano S, Teratani T, Ito Y, Yamada T, Nozawa R.

Current Cancer Drug Targets 2008 Jun; 8(4):243.

Application: IF, IHC-P, Human, Human poorly differentiated invasive ductal carcinoma, MCF-7 cells

Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)