

Rabbit anti-Human SSEA4 Polyclonal Antibody | anti-SSEA4 antibody

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CATALOG # AAA71344	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SSEA4; Polyclonal Antibody; Rabbit anti SSEA4 Polyclonal Antibody; anti-SSEA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes human SSEA4 protein. The other species are not tested.
Purity/Purification	Epitope Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-SSEA4 antibody	IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Preparation	A synthetic peptide derived from C-Terminus of human SSEA-4 protein.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C to 8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry: The whole cell pellet K562 (FFPE) stained with Rabbit anti-SSEA4 antibody (Cat# 620-500) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

ADDITIONAL INFORMATION

Related Product Information for anti-SSEA4 antibody

Background: SSEA-4 is stage-specific embryonic antigen 4 (SSEA4) is a cell surface antigen, expressed along with SSEA3, TRA1-60 and TRA1-81 in embryonic stem cells, embryonal carcinoma cells and induced pluripotent stem cells (iPS). In human cells, these surface markers are down-regulated during the differentiation process, while SSEA1 is absent in undifferentiated human stem cells and up-regulated on the cell surface after retinoic acid mediated differentiation. Conversely, in mouse stem cells, SSEA-1 expression decreases with differentiation while SSEA-3 and SSEA-4 expression increase.

NCBI AND UNIPROT INFORMATION

Molecular Weight	>200
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ssea4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/71344>