



Rabbit anti SSEA3 Polyclonal Antibody

Alternative Name(s): Stage-specific embryonic antigen 3 (SSEA-3)

Order Information

- **Description:** SSEA3
- **Catalogue:** 620-490
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

The Synthetic peptide corresponding to the C-term of human SSEA2 protein.

BACKGROUND

Stage-Specific Embryonic Antigen-3 (SSEA-3) is an internal core structure of glob-series glycolipids (R-Gal β 1-3GalNAc β 1-3Gal α 1-4Gal β 1-R). SSEA-3 is expressed on human teratocarcinoma cells (embryonal carcinoma, EC), embryonic stem cells (ESC), embryonic germ cells (EG), and preimplantation embryos. The expression of SSEA-3 on human ESC is downregulated upon differentiation. SSEA-3 is also expressed by mouse on unfertilized eggs and preimplantation to early cleaved embryos.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human SSEA3 protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 $\mu\text{g/ml}$
- ELISA: 0.01-0.1 $\mu\text{g/ml}$
- Immunoprecipitation: 2-5 $\mu\text{g/ml}$
- IHC: 2-10 $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: >200
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

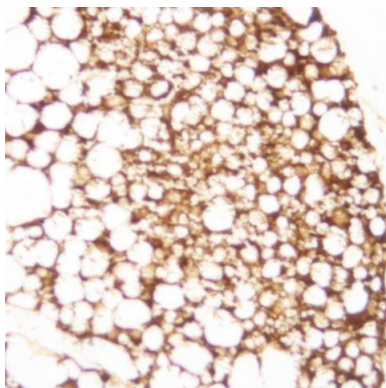
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS



Immunohistochemistry: Human colon carcinoma (FFPE) stained with Rabbit anti -SSEA3 (Cat# 602-490) 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.

REFERENCES

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