

Rabbit anti-Human MSK1 Polyclonal Antibody | anti-MSK1 antibody

MSK1 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258274	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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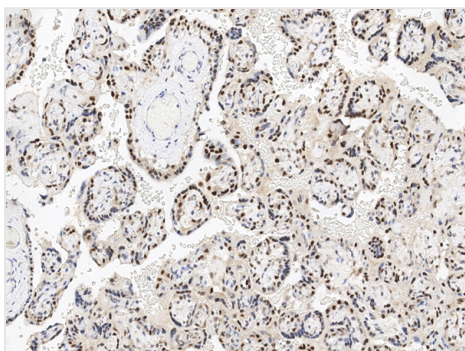
PRODUCT SYNONYMS

MSK1; Polyclonal Antibody; MSK1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MSK1 Antibody; Rabbit Polyclonal; ribosomal protein S6 kinase; 90kDa; polypeptide 5; Anti-MSPK1 Antibody; Anti-RLPK Antibody; anti-MSK1 antibody

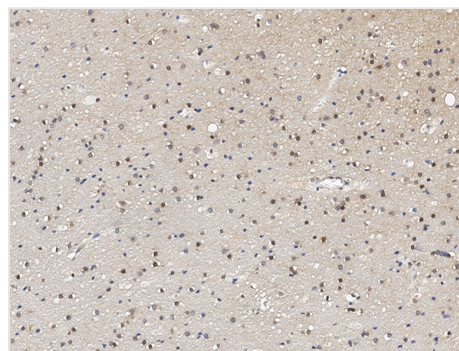
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MSK1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MSK1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human MSK1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MSK1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

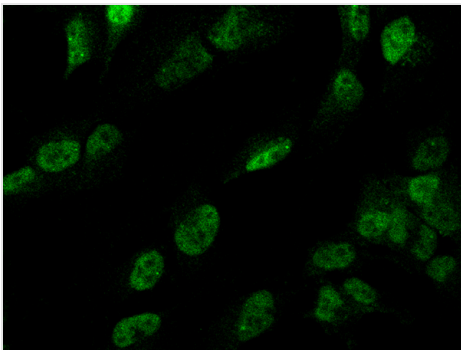
IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human MSK1 in human placenta with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human MSK1 in human brain with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IF (Immunofluorescence)

Immunofluorescence staining of MSK1 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MSK1 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-MSK1 antibody	Background: RPS6KA5 (Ribosomal Protein S6 Kinase A5, also known as MSK1) is a Protein Coding gene. The RPS6KA5 gene, located on 14q32.11, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, chicken, zebrafish, fruit fly, C.elegans, and frog. RPS6KA5 is a serine/threonine kinase that has been reported to be associated with tumor progression in several types of human cancer. RPS6KA5 is widely expressed in the brain, endometrium, and other tissues. Diseases associated with RPS6KA5 include Septic Myocarditis and Coffin-Lowry Syndrome. Among its related pathways are Adenylate cyclase inhibitory pathway and Nuclear Events (kinase and transcription factor activation). 216 organisms have orthologs with the human gene RPS6KA5.
References	Li J, et al. (2020) Msk1 promotes cell proliferation and metastasis in uveal melanoma by phosphorylating creb. Arch Med Sci 16 (5): 1176-1188. Fu X, et al. (2017) Overexpression of msk1 is associated with tumor aggressiveness and poor prognosis in colorectal cancer. Dig Liver Dis 49 (6): 683-691. Ahn J, et al. (2018) Msk1 functions as a transcriptional coactivator of p53 in the regulation of p21 gene expression. Exp Mol Med 50 (10): 1-12.

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://www.aaabiotech.com/polyclonal/msk1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/258274>