

Rabbit anti-Human KANSL2 Polyclonal Antibody | anti-KANSL2 antibody

Anti-KANSL2 Antibody, Rabbit Polyclonal

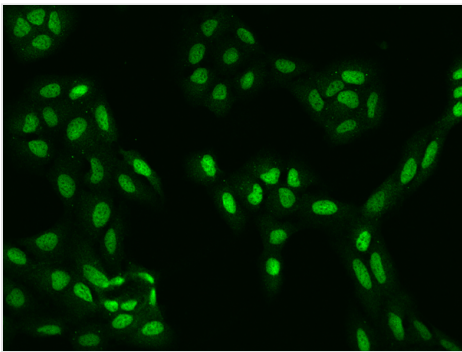
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256615	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

KANSL2; Polyclonal Antibody; Anti-KANSL2 Antibody; Rabbit Polyclonal; KANSL2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C12orf41 Antibody; Anti-NSL2 Antibody; anti-KANSL2 antibody

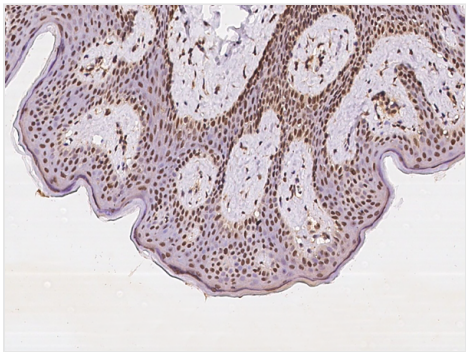
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human KANSL2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-KANSL2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human KANSL2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human KANSL2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 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.



IF (Immunofluorescence)

Immunofluorescence staining of KANSL2 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human KANSL2 polyclonal antibody (dilution ratio 1:200) 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.



IHC (Immunohistochemistry)

Immunochemical staining of human KANSL2 in human skin with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-KANSL2 antibody	KANSL2 is an integral subunit of the nonspecific lethal (NSL) chromatin-modifying complex that contributes to epigenetic programs in embryonic stem cells. KANSL2 is up-regulated in glioma samples and expressed mainly in perivascular regions and discrete foci within tissues. KANSL2 regulates cell self-renewal, which correlates with effects on expression of the stemness transcription factor POU5F1. RNAi-mediated silencing of POU5F1 reduced KANSL2 levels, linking these two genes to stemness control in GBM cells. KANSL2 acts to regulate the stem cell population in GBM, defining it as a candidate GBM biomarker for clinical use.
References	Karoutas A, et al. (2019) The nsL complex maintains nuclear architecture stability via lamin a/c acetylation. Nat Cell Biol 21 (10): 1248-1260.Ferreira Solari NE, et al. (2016) The nsL chromatin-modifying complex subunit kansl2 regulates cancer stem-like properties in glioblastoma that contribute to tumorigenesis. Cancer Res 76 (18): 5383-5394.Chatterjee A, et al. (2016) Mof acetyl transferase regulates transcription and respiration in mitochondria. Cell 167 (3): 722-738.e723.

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.