

ARG64224
anti-STAG2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes STAG2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise isoform a (NP_001036214.1 and NP_001036215.1) and isoform b (NP_001036216.1 and NP_006594.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STAG2
Species	Human
Immunogen	C-REPKRLRPEDS
Conjugation	Un-conjugated
Alternate Names	SCC3 homolog 2; bA517O1.1; Stromal antigen 2; SA-2; Cohesin subunit SA-2; SA2; SCC3B

Application Instructions

Application table	Application	Dilution
	WB	0.01 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 10735 Human Swiss-port # Q8N3U4 Human
Background	The protein encoded by this gene is a subunit of the cohesin complex, which regulates the separation of sister chromatids during cell division. Targeted inactivation of this gene results in chromatid cohesion defects and aneuploidy, suggesting that genetic disruption of cohesin is a cause of aneuploidy in human cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	141 kDa
PTM	Phosphorylated by PLK1. The large dissociation of cohesin from chromosome arms during prophase is partly due to its phosphorylation (By similarity).

Images



ARG64224 anti-STAG2 antibody WB image

Western Blot: HeLa cell lysate (35 µg protein in RIPA buffer) stained with ARG64224 anti-STAG2 antibody at 0.01 µg/ml dilution.