

Datasheet for ABIN6972797

anti-Stromal Antigen 1 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Stromal Antigen 1 (STAG1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stromal Antigen 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human STAG1.
Isotype:	IgG
Characteristics:	<p>STAG1 (stromal antigen 1) is a component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis. STAG1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.</p>
Purification:	Affinity Purified

Target Details

Target:	Stromal Antigen 1 (STAG1)
Alternative Name:	STAG1 (STAG1 Products)
Molecular Weight:	150 kDa
NCBI Accession:	NP_005853

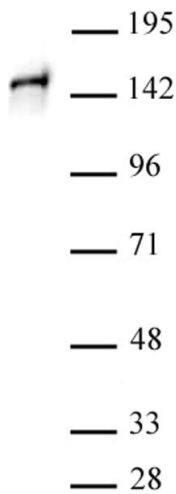
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Validation report #104351 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. STAG1 antibody (pAb) tested by Western blot. Nuclear extract of Caco-2 cells (20 µg) probed with STAG1 antibody (pAb) at a dilution of 1:1,000.