

Datasheet for ABIN571073
anti-STAG2 antibody (Internal Region)



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2 Images

Overview

Quantity:	100 µg
Target:	STAG2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This STAG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Stromal antigen 2 / STAG2
Immunogen:	Peptide with sequence C-SRGSTVRSKSKPST, from the internal region of the protein sequence according to NP_001036214.1, NP_006594.3.
Sequence:	SRGSTVRSK SKPST
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001036214.1, NP_006594.3). Reported variants NP_001036215.1 and NP_001036214.1 represent identical protein: Reported variants NP_001036216.1 and NP_006594.3 represent identical protein.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: STAG2

Alternative Name: STAG2 ([STAG2 Products](#))

Background: STAG2, stromal antigen 2, DKFZp686P168, DKFZp781H1753, FLJ25871, SA-2, SA2, bA51701.1, OTTHUMP00000024338, OTTHUMP00000043514, OTTHUMP00000043515, OTTHUMP00000081754, OTTHUMP00000081755, SCC3 homolog 2

Gene ID: 10735, 20843, 313304

NCBI Accession: [NP_001036214](#), [NP_006594](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Western Blot: Approx 160 kDa band observed in lysates of cell line K562 and ~140 kDa in rodent Spleen while ~150 kDa in Mouse Thymus lysates (calculated MW of 146 kDa according to Human NP_001036214.1 and 140 kDa according to Mouse NP_001071180.1). Recommended Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

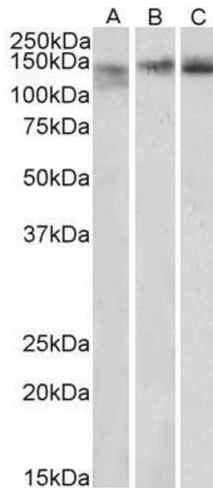
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN571073 (0.3µg/ml) staining of Mouse Spleen (A), Mouse Thymus (B) and Rat Spleen (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN571073 (0.03µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.