

## Goat anti-STAG2 Antibody

<b>Item Number</b>	dAP-1123
<b>Target Molecule</b>	Principle Name: STAG2; Official Symbol: STAG2 ; All Names and Symbols: STAG2; stromal antigen 2; RP11-517O1.1; DKFZp686P168; DKFZp781H1753; FLJ25871; SA-2; SA2; bA517O1.1; SCC3 homolog 2; Accession Number (s): NP_001036214.1; NP_001036215.1 ; NP_001036216.1 ; NP_006594.3; Human Gene ID(s): 10735; Non-Human GeneID(s): 20843 (mouse)
<b>Immunogen</b>	REPKLRPEDS, is from internal region 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).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 150kDa band observed in lysates of cell line HeLa (calculated MW of 146kDa according to NP_001036214.1 and NP_001036215.1). Recommended concentration: 0.01µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lara-Pezzi E, Pezzi N, Prieto I, Barthelemy I, Carreiro C, Martinez A, Maldonado-Rodriguez A, Lopez-Cabrera M, Barbero JL. Evidence of a transcriptional co-activator function of cohesin STAG/SA/ Scc3. J Biol Chem. 2004 Feb 20;279(8):6553-9. Epub 2003 Dec 2. .PMID: 14660624 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**