

Goat anti-Stromal antigen 2 / STAG2 Antibody

Item Number	dAP-1924
Target Molecule	Principle Name: Stromal antigen 2 / STAG2; Official Symbol: STAG2; All Names and Symbols: STAG2; stromal antigen 2; DKFZp686P168; DKFZp781H1753; FLJ25871; SA-2; SA2; bA517O1.1; OTTHUMP00000024338; OTTHUMP00000043514; OTTHUMP00000043515; OTTHUMP00000081754; OTTHUMP00000081755; SCC3 homolog 2; Accession Number (s): NP_001036214.1; NP_006594.3; Human Gene ID(s): 10735; Non-Human GeneID(s): 20843 (mouse) 313304 (rat)
Immunogen	SRGSTVRSKSKPST, is from internal region 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
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 160kDa band observed in lysates of cell line K562 and ~140kDa in rodent Spleen while ~150kDa in Mouse Thymus lysates (calculated MW of 146kDa according to Human NP_001036214.1 and 140kDa according to Mouse NP_001071180.1). Recommen
IHC	
Reference	Reference(s): Hauf S, Roitinger E, Koch B, Dittrich CM, Mechtler K, Peters JM, Dissociation of cohesin from chromosome arms and loss of arm cohesion during early mitosis depends on phosphorylation of SA2. PLoS biology 2005 Mar 3 (3): e69..PMID: 15737063->

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**