

Goat anti-SPARTIN Antibody

Item Number	dAP-1999
Target Molecule	Principle Name: SPARTIN; Official Symbol: SPG20; All Names and Symbols: SPG20; spastic paraplegia 20 (Troyer syndrome); KIAA0610; SPARTIN; TAHCCP1; OTTHUMP00000018254; spastic paraplegia 20; spastic paraplegia 20, spartin (Troyer syndrome); trans-activated by hepatitis C virus core protein 1; Accession Number (s): NP_055902.1; Human Gene ID(s): 23111; Non-Human GeneID(s):
Immunogen	EASGTDVKQLDQGK, is from internal region
Applications	Pep ELISA, WB, IF Species Tested: Human
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 8000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell line HeLa (calculated MW of 72.8kDa according to NP_055902.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Lu J, Rashid F, Byrne PC. The hereditary spastic paraplegia protein spartin localises to mitochondria J Neurochem. 2006 Sep;98(6):1908-19..PMID: 16945107->

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**