



Goat anti-CYFIP1 Antibody

Item Number	dAP-1917
Target Molecule	Principle Name: CYFIP1; Official Symbol: CYFIP1; All Names and Symbols: CYFIP1; cytoplasmic FMR1 interacting protein 1; FLJ45151; P140SRA-1; SHYC; SRA1; cytoplasmic FMRP interacting protein 1; selective hybridizing clone; Accession Number (s): NP_055423.1; Human Gene ID(s): 23191; Non-Human GeneID(s): 20430 (mouse) 308666 (rat)
Immunogen	TGSGRQEAQKTDAE, is from internal region This antibody is expected to recognize isoform a (NP_055423.1) only.
Applications	Pep ELISA Species Tested:
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 2000.
Western Blot	Western Blot: Preliminary experiments in Human Kidney, Lung and Spleen lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported
IHC	
Reference	Reference(s): Silva JM, Ezhkova E, Silva J, Heart S, Castillo M, Campos Y, Castro V, Bonilla F, Cordon-Cardo C, Muthuswamy SK, Powers S, Fuchs E, Hannon GJ, Cyfip1 is a putative invasion suppressor in epithelial cancers. Cell 2009 Jun 137 (6): 1047-61..PMID: 19524508->

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**