



Anti-CYFIP1 (internal region) polyclonal antibody (DPAB-DC1060)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	CYFIP1 (cytoplasmic FMR1 interacting protein 1) is a protein-coding gene. Diseases associated with CYFIP1 include fragile x syndrome, and prader-willi syndrome, and among its related super-pathways are PPAR Pathway and ERK Signaling. GO annotations related to this gene include actin filament binding and Rac GTPase binding. An important paralog of this gene is CYFIP2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human CYFIP1. The sequence is C-TGSGRQEAKTDAE
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CYFIP1 cytoplasmic FMR1 interacting protein 1 [Homo sapiens (human)]
Official Symbol	CYFIP1
Synonyms	CYFIP1; cytoplasmic FMR1 interacting protein 1; SHYC; SRA1; SRA-1; P140SRA-1; cytoplasmic FMR1-interacting protein 1; selective hybridizing clone; cytoplasmic FMRP interacting protein 1; specifically Rac1-associated protein 1;
Entrez Gene ID	23191
Protein Refseq	NP_001028200
UniProt ID	Q7L576
Chromosome Location	15q11
Pathway	BDNF signaling pathway; RNA transport; Regulation of actin cytoskeleton;
Function	contributes_to Rac GTPase binding; Rac GTPase binding; actin filament binding; protein binding