



Anti-AP2A1 monoclonal antibody, clone FQS3799(3) (DCABH-128)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to AP2 alpha
Antigen Description	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5-GCCNNNGGC-3 and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle.
Immunogen	A synthetic peptide corresponding to residues in Human AP2 alpha.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS3799(3)
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	ICC/IF, WB, IP, IHC-P
Positive Control	JAR and RAW264.7 cell lysates; Human breast carcinoma tissue; HeLa cells
Format	Liquid
Size	100 µl

Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	AP2A1 adaptor-related protein complex 2, alpha 1 subunit [Homo sapiens]
Official Symbol	AP2A1
Synonyms	AP2A1; adaptor-related protein complex 2, alpha 1 subunit; ADTAA, CLAPA1; AP-2 complex subunit alpha-1; alpha1-adaptin; alpha-adaptin A; adaptin, alpha A; 100 kDa coated vesicle protein A; adaptor protein complex AP-2 subunit alpha-1; adapter-related prot
Entrez Gene ID	160
Protein Refseq	NP_055018
UniProt ID	O95782
Chromosome Location	19q13.3
Pathway	Arf1 pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem;
Function	protein C-terminus binding; protein binding; protein transporter activity;