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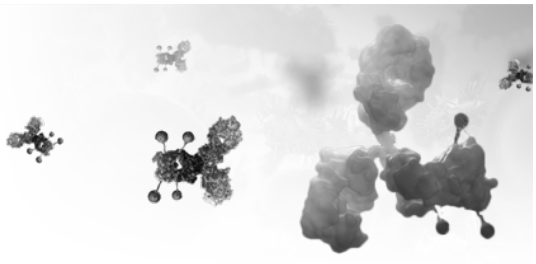

Anti-ACTN4 monoclonal antibody, clone FQS3644(3) (DCABH-112)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to alpha Actinin 4
Antigen Description	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.
Immunogen	Synthetic peptide corresponding to residues on the N-terminus of Human alpha Actinin 4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS3644(3)
Conjugate	Unconjugated
Applications	WB, IP, IHC-P, ICC/IF
Positive Control	Fetal skeletal muscle, A431, MCF-7, and HeLa cell lysates; Human kidney 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

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Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	ACTN4 actinin, alpha 4 [Homo sapiens]
Official Symbol	ACTN4
Synonyms	ACTN4; actinin, alpha 4; focal segmental glomerulosclerosis 1 , FSGS1; alpha-actinin-4; actinin alpha4 isoform; non-muscle alpha-actinin 4; F-actin cross-linking protein; focal segmental glomerulosclerosis 1; FSGS; FSGS1; ACTININ-4; DKFZp686K23158;
Entrez Gene ID	81
Protein Refseq	NP_004915
UniProt ID	O43707
Chromosome Location	19q13
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell-Cell communication, organism-specific biosystem;
Function	actin binding; actin filament binding; calcium ion binding; integrin binding; nucleoside binding; protein N-terminus binding; protein binding; protein homodimerization activity;

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