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Anti-Paxillin Rabbit mAb [65F58]

Catalog No.: A52266

Basic Information

Catalog No. (Cat.No.)	A52266
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Paxillin,paxillin,LCP1,focal adhesion protein

Product Information

Target	Paxillin
Molecular Weight(Calculated)	68 kDa
Molecular Weight(Observed)	68 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	65F58
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:1000-1:4000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Paxillin
Gene Name	*PXN*
Domain	NA
Background	Paxillin is focal-adhesion scaffold-adaptor protein family mediating focal-adhesion assembly and signal integration for cell adhesion and migration. Localized at focal adhesion complexes, paxillin contains multiple SH2/SH3-binding motifs, recruiting FAK, Src and diverse adaptors to build adhesion signaling hubs, transmitting integrin-extracellular-matrix signals inward. It orchestrates actin cytoskeleton rearrangement and governs cell spreading, migration and invasion. Tyrosine phosphorylation dynamically reshapes paxillin protein-protein interactions. Dysregulated paxillin expression and phosphorylation drive tumor metastasis.