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LYPD3 Recombinant Rabbit mAb

Catalog # AP100080

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	O95274
Other Accession	O95274
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	35971
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 UPAR/Ly6 domains.
SUBUNIT	Binds laminin-1 and laminin-5. Interacts with LGALS3 By similarity. Interacts with AGR2 and AGR3.
Post-translational modifications	N-glycosylated and O-glycosylated.
Background Descriptions	Predicted to enable laminin binding activity. Involved in negative regulation of smooth muscle cell apoptotic process. Located in extracellular space. [provided by Alliance of Genome Resources, Feb 2025]

Additional Information

Gene ID	27076
Other Names	C4.4A; LYPD3_HUMAN; LYPD3; GPI-anchored metastasis-associated protein C4.4A homolog; Matrigel-induced gene C4 protein (MIG-C4); LY6/PLAUR domain containing 3; Ly6/PLAUR domain-containing protein 3; Matrigel-induced gene C4 protein; MIG-C4; UNQ491/PRO1007
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IP=1:50-200,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LYPD3
Synonyms	C4.4A
Function	Supports cell migration. May be involved in urothelial cell- matrix

	interactions. May be involved in tumor progression.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Location	Expressed in placenta, skin and urothelium. Found in suprabasal keratinocytes of chronic wounds. Weak expression is found in esophagus and peripheral blood mononuclear cells. Found in the majority of primary and metastatic transitional cell carcinomas (TCCs) and as well in breast cancer tissues, but not in adjacent normal tissues. High expression is found in the tumor component of some noninvasive superficial lesions and in invasive and metastatic urothelial cancers.

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