



LYPD3 Rabbit mAb

Catalog No	YP-rAb-17690
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IP
Gene Name	LYPD3;C4.4A;UNQ491/PRO1007
Protein Name	Ly6/PLAUR domain-containing protein 3;GPI-anchored metastasis-associated protein C4.4A homolog;Matrigel-induced gene C4 protein;MIG-C4;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; IHC 1:100-300; IP 1:50-100 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	LYPD3;Ly6/PLAUR domain-containing protein 3;GPI-anchored metastasis-associated protein C4.4A homolog;Matrigel-induced gene C4 protein;MIG-C4;LYPD3 ; C4.4A ; UNQ491/PRO1007 ; Ly6/PLAUR domain-containing protein 3 ; GPI-anchored metastasis-associated protein C4.4A homolog ; Matrigel-induced gene C4 protein ; MIG-C4 ;C4.4A;UNQ491/PRO1007
Observed Band	38kD
Calculated Molecular Weight	
Cell Pathway	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Specificity	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. {ECO:0000269 PubMed:11179665, ECO:0000269 PubMed:12592373, ECO:0000269 PubMed:15012588}.
Function	Supports cell migration. May be involved in urothelial cell-matrix interactions. May be involved in tumor progression. {ECO:0000269 PubMed:11179665, ECO:0000269 PubMed:11245483, ECO:0000269 PubMed:12592373, ECO:0000269 PubMed:15012588}.



Background

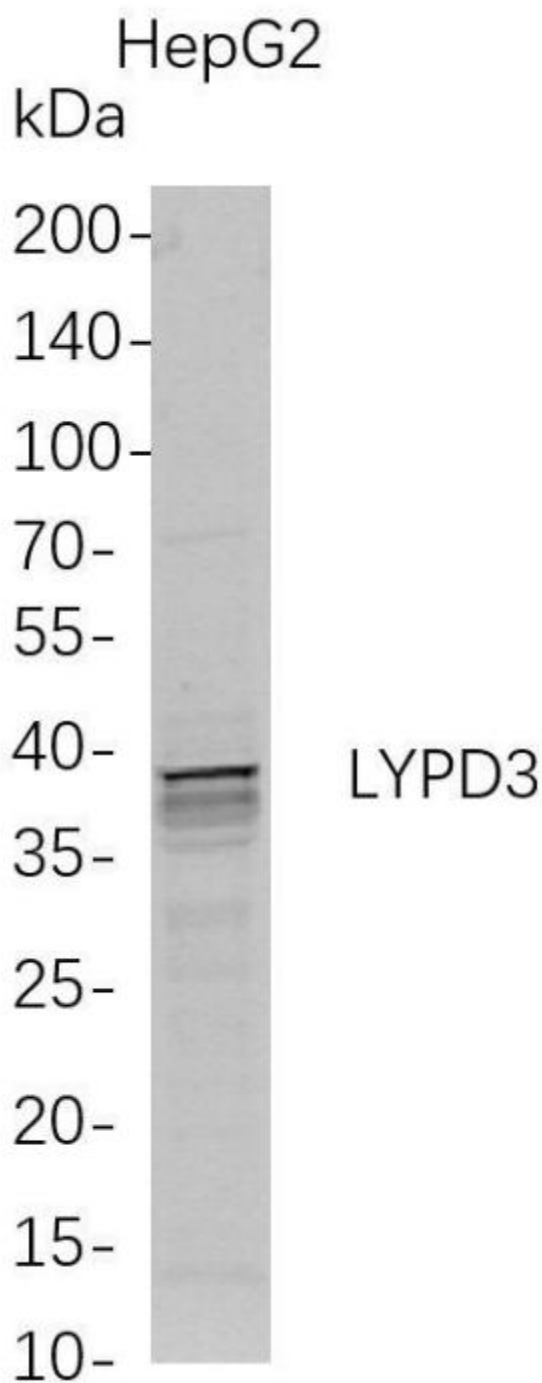
Predicted to enable laminin binding activity. Involved in negative regulation of smooth muscle cell apoptotic process. Located in extracellular space. [provided by Alliance of Genome Resources, Feb 2025]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of HepG2 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-LYPD3 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.





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