OLFM2 Rabbit pAb

db7801 **Package : 20μL 50μL 100μL**

Product Name : OLFM2 Rabbit pAb
Cat.No.: db7801
Synonyms : NOE2; OlfC; NOELIN2; NOELIN2_V1
Application : WB, IHC, ICC/IF
Reactivity : Human, Mouse
Host species : Rabbit

Background	Involved in transforming growth factor beta (TGF-beta)-induced smooth muscle differentiation. TGF-beta induces expression and translocation of OLFM2 to the nucleus where it binds to SRF, causing its dissociation from the transcriptional repressor HEY2/HERP1 and facilitating binding of SRF to target genes (PubMed:25298399). Plays a role in AMPAR complex organization (By similarity). Is a regulator of vascular smooth-muscle cell (SMC) phenotypic switching, that acts by promoting RUNX2 and inhibiting MYOCD binding to SRF. SMC phenotypic switching is the process through which vascular SMCs undergo transition between a quiescent contractile phenotype and a proliferative synthetic phenotype in response to pathological stimuli. SMC phenotypic plasticity is essential for vascular development and remodeling (By similarity).
Immunogen	A synthetic peptide of human OLFM2
Gene ID	93145
Swiss Prot	O95897
Synonyms	NOE2; OlfC; NOELIN2; NOELIN2_V1
Reactivity	Human, Mouse
Application	WB, IHC, ICC/IF
Recommended dilution	WB: 1:1000 IHC: 1:50 ICC/IF: 1:50
Calculated MW	51 kDa
Observed MW	49 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.