

## Product datasheet for **TA306875**

### PLEKHM3 Rabbit Polyclonal Antibody

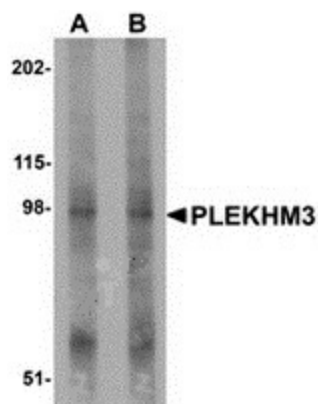
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PLEKHM3 antibody was raised against a 13 amino acid peptide from near the carboxy terminus of human PLEKHM3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	pleckstrin homology domain containing M3
Database Link:	<a href="#">NP_001073944</a> <a href="#">Entrez Gene 241075 Mouse</a> <a href="#">Entrez Gene 316455 Rat</a> <a href="#">Entrez Gene 389072 Human</a> <a href="#">Q6ZWE6</a>
Background:	PLEKHM3, also known as DAPR, is a member of the M family of Pleckstrin homology domain-containing proteins. PLEKHM3 was initially identified through chromatin immunoprecipitation and CpG microarray analysis examining proteins regulated by myocyte-enhancing factor 2. In C2C12 myoblast cells, PLEKHM3 binds to the PI3K signaling member protein kinase B in the cytosol prior to differentiation into myotubes. Following the initiation of differentiation, PLEKHM3 was also found in membrane fractions. Knockdown of PLEKHM3 expression by RNAi resulted in the inhibition of myotube formation, suggesting that PLEKHM3 is a key component required by myoblasts for orchestrating their differentiation during myogenesis.
Synonyms:	DAPR; PLEKHM1L

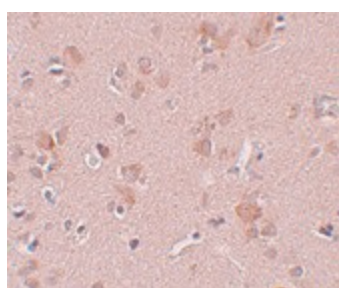


[View online »](#)

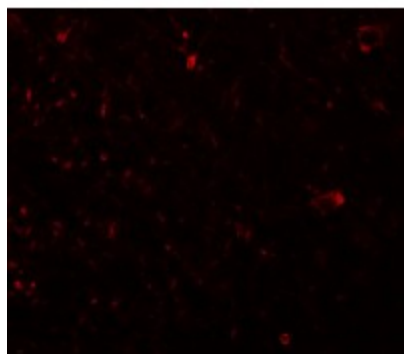
## Product images:



Western blot analysis of PLEKHM3 in mouse skeletal muscle tissue lysate with PLEKHM3 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of PLEKHM3 in human brain tissue with PLEKHM3 antibody at 5 ug/ml.



Immunofluorescence of PLEKHM3 in human brain tissue with PLEKHM3 antibody at 20 ug/mL.