

# ARG45843 anti-Zebrafish FRMPD4 antibody

Package: 200 μl Store at: -20°C

# Summary

Product DescriptionRabit Polyclonal antibody recognizes FRMPD4Tested ReactivityfshTested ApplicationHC-PHostRobitClonalityolyclonalI SotypeIgGTarget NameRMPD4SpeciesclonalityConjugationIn-conjugatedModer SpeciesRMPD4; FERM And PD2 Domain Containing 4; KIAA0316; PD2D10; PD2D5; PD5-Sh Tester SpeciesAfternate NamesRMPD4; FERM And PD2 Domain Containing 4; KIAA0316; PD2D10; PD2D40; PD2D5)		
Tested ApplicationIHC-PHostRabitClonalityPolyclonalIsotypeIgGTarget NameRMPD4SpeciesclonajgationMonophaget SpeciesUnconjugatedAtternate NamesRMPD4; FERMAnd PDZ Domain Containing Protein 10; Preso; PSD-95-Interacting FERMAnd PDZ Domain Protein 20; PSD-95-Interacting FERMAnd PDZ Domain PDZ	Product Description	Rabbit Polyclonal antibody recognizes FRMPD4
HostRabbitClonalityPolyclonalIsotypeIgGTarget NameFRMPD4SpeciescebrafishConjugationUn-conjugatedAlternate NamesRMPD4; FERM And PDZ Domain Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	Tested Reactivity	Zfsh
ClonalityPolyclonalIsotypeIgGTarget NameFRMPD4SpeciesZebrafishConjugationUn-conjugatedAlternate NamesFRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain	Tested Application	IHC-P
IsotypeIgGTarget NameFRMPD4SpeciesZebrafishConjugationUn-conjugatedAlternate NamesFRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain	Host	Rabbit
Target NameFRMPD4SpeciesZebrafishConjugationUn-conjugatedAlternate NamesFRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	Clonality	Polyclonal
SpeciesZebrafishConjugationUn-conjugatedAlternate NamesFRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	lsotype	lgG
ConjugationUn-conjugatedAlternate NamesFRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	Target Name	FRMPD4
Alternate Names FRMPD4; FERM And PDZ Domain Containing 4; KIAA0316; PDZD10; PDZK10; PSD-95-Interacting Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	Species	Zebrafish
Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain	Conjugation	Un-conjugated
	Alternate Names	Regulator Of Spine Morphogenesis; FERM And PDZ Domain-Containing Protein 4; PDZ Domain- Containing Protein 10; Preso; PSD-95-Interacting FERM And PDZ Domain Protein; PDZ Domain

# **Application Instructions**

Application table	Application	Dilution
	IHC-P	2-5 μg/ml
Application Note	* The dilutions indicate recomm should be determined by the sci	ended starting dilutions and the optimal dilutions or concentrations entist.

### Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.02M PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% glycerol
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

# Bioinformation

Gene Symbol	FRMPD4
Gene Full Name	FERM And PDZ Domain Containing 4
Background	This gene encodes a multi-domain (WW, PDZ, FERM) containing protein. Through its interaction with other proteins (such as PSD-95), it functions as a positive regulator of dendritic spine morphogenesis and density, and is required for the maintenance of excitatory synaptic transmission. [provided by RefSeq, Jan 2010]
Function	Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate [UniProt]
Calculated Mw	144 kDa
Cellular Localization	Cytoskeleton. [UniProt]

# Images



#### ARG45843 anti-Zebrafish FRMPD4 antibody IHC-P image

Immunohistochemistry: Zebrafish eye stained with ARG45843 anti-Zebrafish FRMPD4 antibody at 2  $\mu g/ml$  dilution.