

ARG64668
anti-ODZ3 / Teneurin 3 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ODZ3 / Teneurin 3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ODZ3 / Teneurin 3
Species	Human
Immunogen	C-NNPASKIHDKVDY
Conjugation	Un-conjugated
Alternate Names	MCOPCB9; TNM3; Tenascin-M3; Ten-3; ten-3; Protein Odd Oz/ten-m homolog 3; Ten-m3; Teneurin transmembrane protein 3; ODZ3; Teneurin-3

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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

Database links [GeneID: 55714 Human](#)

[Swiss-port # Q9P273 Human](#)

Gene Symbol TENM3

Gene Full Name teneurin transmembrane protein 3

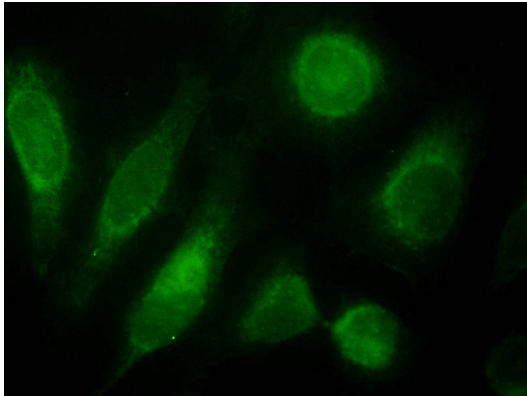
Background This gene encodes a large transmembrane protein that may be involved in the regulation of neuronal development. Mutation in this gene causes microphthalmia. [provided by RefSeq, Aug 2015]

Function Involved in neural development, regulating the establishment of proper connectivity within the nervous system. Promotes axon guidance and homophilic cell adhesion. Plays a role in the development of the visual pathway; regulates the formation in ipsilateral retinal mapping to both the dorsal lateral geniculate nucleus (dLGN) and the superior colliculus (SC). May be involved in the differentiation of the fibroblast-like cells in the superficial layer of mandibular condylar cartilage into chondrocytes. May function as a cellular signal transducer (By similarity). [UniProt]

Research Area Neuroscience antibody

Calculated Mw 301 kDa

Images



ARG64668 anti-ODZ3 / Teneurin 3 antibody ICC/IF image

Immunofluorescence: Nuclei HeLa cells stained with ARG64668 anti-ODZ3 / Teneurin 3 antibody at 10 µg/ml (green) shows nuclei signal in green. Detected by immunofluorescence.