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Datasheet for ABIN1400609

anti-TENM3 antibody (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	TENM3 (ODZ3)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TENM3 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ODZ3/Teneurin 3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TENM3 (ODZ3)
Alternative Name:	ODZ3 (ODZ3 Products)
Background:	<p>Synonyms: ODZ3 like protein, Protein Odd Oz ten m homolog 3, Ten 3, Ten M3, Tenascin M3, Teneurin 3, Teneurin3, TNM3, FLJ10474, FLJ10886, KIAA1455, odd Oz Ten m homolog 3, odz odd Oz ten m homolog 3 Drosophila, odz odd Oz ten m homolog 3, TEN3_HUMAN.</p> <p>Background: Teneurin-3, also known as Ten-3, TNM3 or ODZ3, is a 2,699 amino acid single-</p>

Target Details

pass type II membrane protein that contains 25 YD repeats, 8 EGF-like domains, 5 NHL repeats and one teneurin N-terminal domain. Localized to the membrane and expressed in brain, testis and ovary, Teneurin-3 exists as a disulfide-linked homodimer that is thought to function as a cellular signal transducer. Additionally, Teneurin-3 may participate in eye-specific patterning in the visual pathway and is required for aligned binocular vision. The gene encoding Teneurin-3 maps to chromosome 4. Representing approximately 6 % of the human genome, chromosome 4 contains nearly 900 genes, one of which is the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months