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Datasheet for ABIN1401892
anti-ANKRD17 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ANKRD17
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD17 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ANKRD17
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ANKRD17
Alternative Name:	ANKRD17 (ANKRD17 Products)
Background:	Synonyms: ANKRD 17, ANKRD-17, Ankyrin repeat domain protein 17, Ankyrin repeat domain-containing protein 17, ANR17_HUMAN, FLJ22206, Gene trap ankyrin repeat, Gene trap ankyrin repeat protein, GTAR, KIAA0697, NY BR 16, Serologically defined breast cancer antigen NY-BR-16

Target Details

Background: ANKRD17 is a 2,603 amino acid protein that contains 25 ankyrin repeats and one KH domain. ANKRD17 is expressed in bone marrow and is thought to be involved in liver development. ANKRD17 localizes to the cytoplasm and the nucleus. ANKRD17 exists as five alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 4. Representing approximately 6 % of the human genome, chromosome 4 contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. 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. Chromosome 4 reportedly contains the largest gene deserts (regions of the genome with no protein encoding genes) and has one of the two lowest recombination frequencies of the human chromosomes.

Gene ID: 26057

Pathways: [Regulation of Muscle Cell Differentiation](#)

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