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Datasheet for ABIN5001587

anti-DYNC111 antibody (AA 1-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	DYNC111
Binding Specificity:	AA 1-100
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYNC111 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DYNC111
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DYNC111
Alternative Name:	DYNC111 (DYNC111 Products)

Target Details

Background: Synonyms: dynein, cytoplasmic, intermediate polypeptide 1, cytoplasmic dynein 1 intermediate chain 1, DH IC-1, dynein intermediate chain 1, cytosolic, cytoplasmic dynein intermediate chain 1, DC111_HUMAN, DYNC111, DNCI1, DNCIC1, Dynein cytoplasmic intermediate polypeptide 1. Background: This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described, however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008].

Gene ID: 1780

UniProt: [O14576](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 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

Handling

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

Expiry Date: 12 months