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## anti-DYNC1I1 antibody (AA 1-100) (AbBy Fluor® 647)



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Quantity:	100 μL	
Target:	DYNC1I1	
Binding Specificity:	AA 1-100	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DYNC1I1 antibody is conjugated to AbBy Fluor® 647	
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 DYNC1I1	
Isotype:	IgG	
Cross-Reactivity:	Human, Rat	
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse,Chicken,Rabbit	
Purification:	Purified by Protein A.	

#### Target Details

Target:	DYNC1I1
Alternative Name:	DYNC1I1 (DYNC1I1 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, DC1I1_HUMAN, DYNC1I1, 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	
	phosphotidylinositol-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:	014576	
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