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Datasheet for ABIN6980150

anti-MED12 antibody (AA 251-350) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	MED12
Binding Specificity:	AA 251-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED12 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MED12/Trap230
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MED12
Alternative Name:	MED12/Trap230 (MED12 Products)

Target Details

Background:	<p>Synonyms: Mediator of RNA polymerase II transcription subunit 12, MED12, Activator-recruited cofactor 240 kDa component, ARC240, CAG repeat protein 45 Mediator complex subunit 12, OPA-containing protein, Thyroid hormone receptor-associated protein complex 230 kDa component, Trap230, Trinucleotide repeat-containing gene 11 protein, MED12, ARC240, CAGH45, HOPA, KIAA0192, TNRC11, TRAP230</p> <p>Background: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway.</p>
Gene ID:	9968
UniProt:	Q93074
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Nuclear Hormone Receptor Binding , Stem Cell Maintenance , Chromatin Binding , Regulation of Lipid Metabolism by PPARalpha , Tube Formation

Application Details

Application Notes:	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

Handling

	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