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Datasheet for ABIN5005902

anti-KLHDC8A antibody (AA 51-150) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	KLHDC8A
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHDC8A antibody is conjugated to Alexa Fluor 680
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 KLHDC8A
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KLHDC8A
Alternative Name:	KLHDC8A (KLHDC8A Products)
Background:	Synonyms: Kelch domain containing 8A, Kelch domain containing protein 8A, KLHDC 8A,

Target Details

MGC19056, RGD1305132, A630065K24Rik, FLJ10748, KLD8A_HUMAN.

Background: Kelch domain-containing protein 8A (KLHDC8A) is a 350 amino acid protein. KLHDC8A contains seven kelch repeats, each of which is an approximately 50 amino acid long conserved region that forms a tertiary structure beta-propeller. The gene that encodes KLHDC8A is located on chromosome 1, which is the largest human chromosome, spanning about 260 million base pairs and making up 8 % of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes Lamin A. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

Gene ID: 55220

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 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