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Rabbit Anti-KLHDC10/AF350 Conjugated antibody

SL16757R-AF350

Product Name	Anti-KLHDC10/AF350
Chinese Name	AF350 标记的 KLHDC10 蛋白抗体
Alias	Kelch domain containing 10; Kelch domain-containing protein 10; KIAA0265; KLD10_HUMAN; Klhdc10; OTTHUMP00000212347; PNAS 119; Scruin like at the midline homolog; Slim.
Research Area	Cell biology immunology Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Cow,Rabbit,Sheep)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	49kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human KLHDC10
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** KLHDC10 is a 442 amino acid protein that contains six kelch repeats. Expressed in fetal brain, liver, lung, kidney and placenta, KLHDC10 exists as two alternatively spliced isoforms. The gene encoding KLHDC10 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly

5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders, including cases of acute myelogenous leukemia and myelodysplasia.

Subunit:
Interacts with CUL2, TCEB1 and TCEB2; may be the substrate recognition component of an E3 ubiquitin ligase complex.

Subcellular Location:
Nucleus

Similarity:
Contains 6 Kelch repeats.

Database links:

Entrez Gene: 23008 Human

Entrez Gene: 76788 Mouse

SwissProt: Q6PID8 Human

SwissProt: Q6PAR0 Mouse

Unigene: 520710 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.