Datasheet for ABIN527829

anti-KLHL7 antibody (AA 1-586)

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Overview

Quantity:	50 µg
Target:	KLHL7
Binding Specificity:	AA 1-586
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This KLHL7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human KLHL7 protein.
Immunogen:	KLHL7 (NP_001026880.1, 1 a.a. ~ 586 a.a) full-length human protein.
Sequence:	MAASGVEKSS KKKTEKKLAA REEAKLLAGF MGVMNNMRKQ KTLCDVILMV QERKIPAHRV VLAAASHFFN LMFTTNMLES KSFELELKDA EPDIIEQLVE FAYTARISVN SNNVQSLLDA ANQYQIEPVK KMCVDFLKEQ VDASNCLGIS VLAECLDCPE LKATADDFIH QHFTEVYKTD EFLQLDVKRV THLLNQDTLT VRAEDQVYDA AVRWLKYDEP NRQPFMVDIL AKVRFPLISK NFLSKTVQAE PLIQDNPECL KMVISGMRYH LLSPEDREEL VDGTRPRRKK HDYRIALFGG SQPQSCRYFN PKDYSWTDIR CPFEKRRDAA CVFWDNVVYI LGGSQLFPIK RMDCYNVVKD SWYSKLGPPT PRDSLAACAA EGKIYTSGGS EVGNSALYLF ECYDTRTESW HTKPSMLTQR CSHGMVEANG LIYVCGGSLG NNVSGRVLNS CEVYDPATET WTELCPMIEA RKNHGLVFVK DKIFAVGGQN GLGGLDNVEY YDIKLNEWKM VSPMPWKGVT VKCAAVGSIV YVLAGFQGVG RLGHILEYNT ETDKWVANSK VRAFPVTSCL ICVVDTCGAN EETLET

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	KLHL7
Alternative Name:	KLHL7 (KLHL7 Products)
Background:	Full Gene Name: kelch-like 7 (Drosophila) Synonyms: KLHL6,SBBI26
Gene ID:	55975
NCBI Accession:	NM_001031710

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

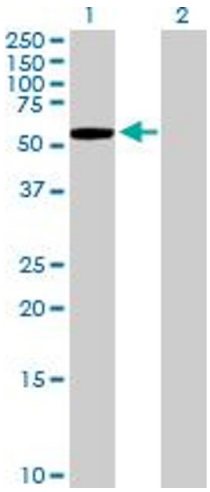
Publications

Product cited in:	Angius, Uva, Buers, Oppo, Puddu, Onano, Persico, Loi, Marcia, Höhne, Cuccuru, Fotia, Deiana, Marongiu, Atalay, Inan, El Assy, Smit, Okur, Boduroglu, Utine, Kılıç, Zampino, Crisponi, Crisponi, Rutsch: "Bi-allelic Mutations in KLHL7 Cause a Crisponi/CISS1-like Phenotype Associated with Early-Onset Retinitis Pigmentosa." in: **American journal of human genetics**, Vol. 99, Issue 1, pp. 236-45, (2016) (PubMed). Friedman, Ray, Waseem, Johnson, Brooks, Hugosson, Breuer, Branham, Krauth, Bowne, Sullivan, Ponjavic, Gränse, Khanna, Trager, Gieser, Hughbanks-Wheaton, Cojocaru, Ghiasvand, Chakarova, Abrahamson et al.: "Mutations in a BTB-Kelch protein, KLHL7, cause autosomal-

Publications

dominant retinitis pigmentosa. ..." in: **American journal of human genetics**, Vol. 84, Issue 6, pp. 792-800, (2009) (PubMed).

Images



Western Blotting

Image 1. Western Blot analysis of KLHL7 expression in transfected 293T cell line by KLHL7 MaxPab polyclonal antibody.

Lane 1: KLHL7 transfected lysate(64.46 KDa).

Lane 2: Non-transfected lysate.