Datasheet for ABIN527572

anti-FOXRED1 antibody (AA 1-486)

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Overview

Quantity:	50 µg
Target:	FOXRED1
Binding Specificity:	AA 1-486
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This FOXRED1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human FOXRED1 protein.
Immunogen:	FOXRED1 (NP_060017.1, 1 a.a. ~ 486 a.a) full-length human protein.
Sequence:	MIRRVLPHGM GRGLLTRRPG TRRGGFSLDW DGKVSEIKKK IKSILPGRSC DLLQDTSHLP PEHSDVVIVG GGVLGLSVAY WLKKLESRRG AIRVLVVERD HTYSQASTGL SVGGICQQFS LPENIQLSLF SASFLRNINE YLAVVDAPPL DLRFNPSGYL LLASEKDAAA MESNVKVQRQ EGAKVSLMSP DQLRNKFPWI NTEGVALASY GMEDEGWFDP WCLLQGLRRK VQSLGVLFCQ GEVTRFVSSS QRMLTTDDKA VVLKRIHEVH VKMDRSLEYQ PVECAIVINA AGAWSAQIAA LAGVGEGPPG TLQGTKLPVE PRKRYVYVWH CPQGPGLETP LVADTSGAYF RREGLGSNYL GGRSPTEQEE PDPANLEVDH DFFQDKVWPH LALRVPAFET LKVQSAWAGY YDYNTFDQNG VVGPHPLVVN MYFATGFSGH GLQQAPGIGR AVAEMVLKGR FQTIDLSPFL FTRFYLGEKI QENNII
Cross-Reactivity:	Human

Product Details

Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	FOXRED1
Alternative Name:	FOXRED1 (FOXRED1 Products)
Background:	Full Gene Name: FAD-dependent oxidoreductase domain containing 1 Synonyms: FP634,H17
Gene ID:	55572
NCBI Accession:	NM_017547

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:	Fassone, Duncan, Taanman, Pagnamenta, Sadowski, Holand, Qasim, Rutland, Calvo, Mootha, Bitner-Glindzicz, Rahman: "FOXRED1, encoding an FAD-dependent oxidoreductase complex-I-specific molecular chaperone, is mutated in infantile-onset mitochondrial encephalopathy." in: **Human molecular genetics**, Vol. 19, Issue 24, pp. 4837-47, (2010) (PubMed).

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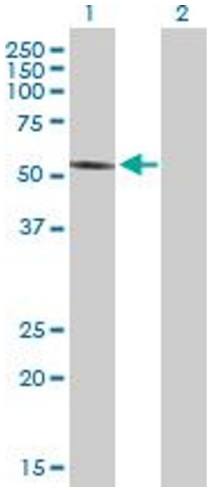

Western Blotting

Image 1. Western Blot analysis of FOXRED1 expression in transfected 293T cell line by FOXRED1 MaxPab polyclonal antibody.

Lane 1: H17 transfected lysate(53.46 KDa).

Lane 2: Non-transfected lysate.

Western Blotting

Image 2. FOXRED1 MaxPab polyclonal antibody. Western Blot analysis of FOXRED1 expression in HeLa.

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