

Datasheet for ABIN517235
anti-IRS1 antibody (AA 1-1242)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	IRS1
Binding Specificity:	AA 1-1242
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This IRS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human IRS1 protein.
Immunogen:	IRS1 (NP_005535.1, 1 a.a. ~ 1242 a.a) full-length human protein.
Sequence:	MASPPESDGF SDVRKVGYLK PKPSMKRFF VLRAASEAGG PARLEYEENE KKWRHKSSAP KRSIPLESCF NINKRADSKN KHLVALYTRD EHFAIAADSE AEQDSWYQAL LQLHNRAKGH HDGAAALGAG GGGGSCSGSS GLGEAGEDLS YGDVPPGPAF KEVWQVILKP KGLGQTKNLI GIYRLCLTSK TISFVKLNSE AAVVLQLMN IRRCGHSENF FFIEVGRSAV TGPGEFWMQV DDSVVAQNMH ETILEAMRAM SDEFRPRSKE QSSSNCSNPI SVPLRRHHLN NPPPSQVGLT RRSRTESITA TSPASMVGK PGSEFRVRASS DGEGTMSRPA SVDGSPVSPS TNRTHAHRHR GSARLHPPLN HRSIPMPAS RCSPSATSPV SLSSSSTSGH GSTSDCLFPR RSSASVSGSP SDGGFISSDE YGSSPCDFRS SFRSVTPDSL GHTPPARGEE ELSNYICMGG KGPSTLTAPN GHIYLSRGGN GHRCTPGTGL GTSPALAGDE AASAADLDNR FRKRTHSAGT SPTITHQKTP SQSSVASIEE YTEMMPAYPP GGGSGGRLPG HRHSAFVPTR SYPEEGLEMH PLERRGGHHR

Product Details

PDSSTLHTDD GYMPMSPGVA PVPSGRKGSG DYMPMSPKSV SAPQQIINPI RRHPQRVDPN
GYMMMSPSGG CSPDIGGGPS SSSSSSNAVP SGTSYGKLWT NGVGGHSHSV LPHPKPPVES
SGGKLLPCTG DYMNMSPVGD SNTSSPSDCY YGPEDPQHKP VLSYYSLPRS FKHTQRPGEF
EEGARHQHLR LSTSSGRLLY AATADDSSSS TSSDSLGGGY CGARLEPSLP HPHHQVLQPH
LPRKVDTAAQ TNSRLARPTR LSLGDPKAST LPRAREQQQQ QQPLLHPPEP KSPGEYVNIE
FGSDQSGYLS GPVAFHSSPS VRCPSQLQPA PREEETGTEE YMKMDLGPGR RAAWQESTGV
EMGRLGPAAP GAASICRPTR AVPSSRGDYM TMQMSPRQS YVDTSPAAPV SYADMRTGIA
AEEVSLPRAT MAAASSSSAA SASPTGPQGA AELAAHSSLL GGPQGPGGMS AFTRVNLSPN
RNQSAKVIRA DPQGCRRRHS SETFSSTPSA TRVGNTVPFG AGAAVGGGGG SSSSSEDVKR
HSSASFENVW LRPGELGGAP KEPAKLCGAA GGLENLNYI DLDLVKDFKQ CPQECTPEPQ
PPPPPPPHQP LGSGESSSTR RSSEDL SAYSISFQKQPED RQ

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

Target Details

Target:	IRS1
Alternative Name:	IRS1 (IRS1 Products)
Background:	Full Gene Name: insulin receptor substrate 1 Synonyms: HIRS-1
Gene ID:	3667
NCBI Accession:	NM_005544
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Negative Regulation of Hormone Secretion , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

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

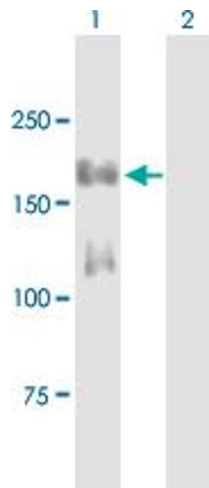
Handling

Buffer:	In 1x PBS, pH 7.4
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Handling

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.

Images



Western Blotting

Image 1. Western Blot analysis of IRS1 expression in transfected 293T cell line by IRS1 MaxPab polyclonal antibody.

Lane 1: IRS1 transfected lysate(131.60 KDa).
Lane 2: Non-transfected lysate.