

ARG65291 anti-Pex 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Pex 1
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Pex 1
Species	Mouse
Immunogen	C-QAKESTFPKEGDAH
Conjugation	Un-conjugated
Alternate Names	Peroxisome biogenesis disorder protein 1; Peroxin-1; PBD1A; PBD1B; Peroxisome biogenesis factor 1; ZWS; ZWS1

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

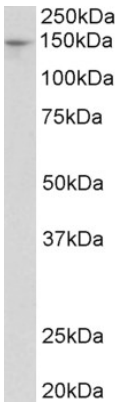
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 71382 Mouse Swiss-port # Q5BL07 Mouse
Gene Symbol	Pex1
Gene Full Name	peroxisomal biogenesis factor 1
Background	This gene encodes a member of the AAA ATPase family, a large group of ATPases associated with diverse cellular activities. This protein is cytoplasmic but is often anchored to a peroxisomal membrane where it forms a heteromeric complex and plays a role in the import of proteins into peroxisomes and peroxisome biogenesis. Mutations in this gene have been associated with complementation group 1 peroxisomal disorders such as neonatal adrenoleukodystrophy, infantile Refsum disease, and Zellweger syndrome. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013]
Function	Required for stability of PEX5 and protein import into the peroxisome matrix. Anchored by PEX26 to peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import of proteins into peroxisomes (By similarity). [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	143 kDa

Images



ARG65291 anti-Pex 1 antibody WB image

Western blot: Mouse Liver lysate (35 µg protein in RIPA buffer) stained with ARG65291 anti-Pex 1 antibody at 0.3 µg/ml dilution.