

Product datasheet for **TA372938**

PEX14 Rabbit Polyclonal Antibody

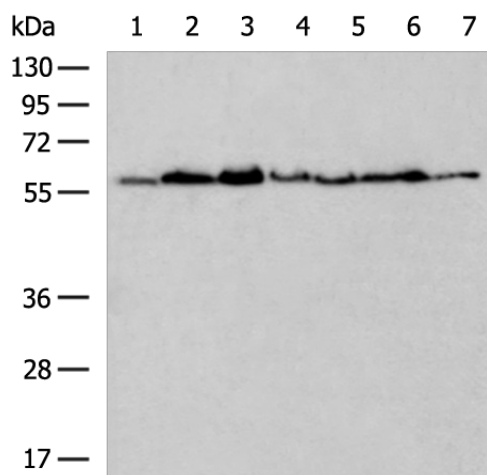
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: SKOV3, C2C12, RAW264.7, NIH/3T3, Hela, A431, 293T cell lysates IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PEX14
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	41 kDa
Gene Name:	peroxisomal biogenesis factor 14
Database Link:	Entrez Gene 5195 Human O75381
Background:	This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome.
Synonyms:	dj734G22.2; MGC12767; NAPP2; peroxin-14; Pex14p

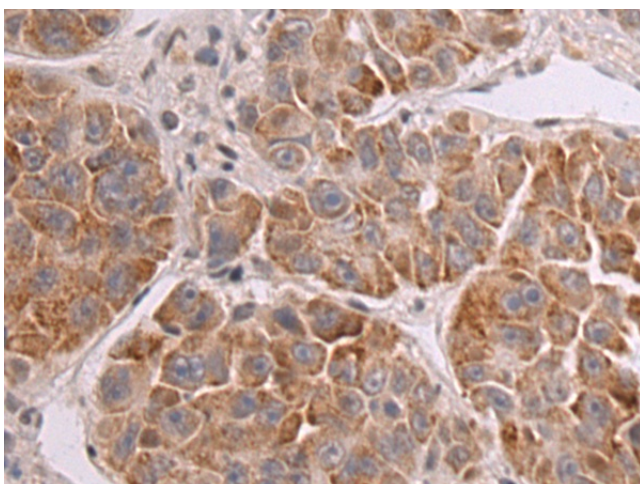


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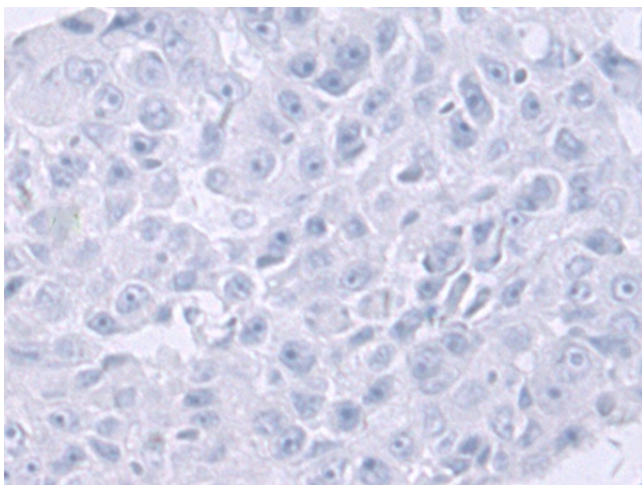
Product images:



Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-7: SKOV3
 C2C12
 RAW264.7
 NIH/3T3
 HeLa
 A431
 293T cell lysates
 Primary antibody: TA372938 (PEX14 Antibody) at dilution 1/400
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372938 (PEX14 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372938 (PEX14 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)