

ARG45746 anti-PXDN / VPO1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PXDN / VPO1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PXDN / VPO1
Conjugation	Un-conjugated
Alternate Names	PXDN; peroxidasin; PXN; VPO; MG50; PRG2; COPOA; D2S448; D2S448E

Application Instructions

Application table	Application	Dilution
	IHC-P	1 µg/ml
	WB	0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	165 kDa	

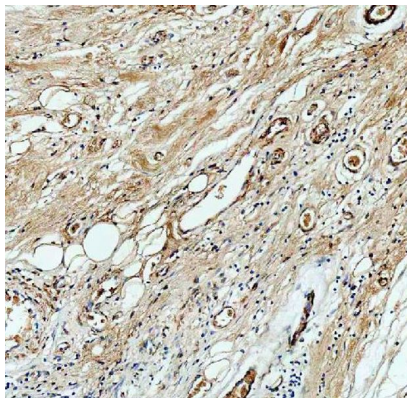
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.02M PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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

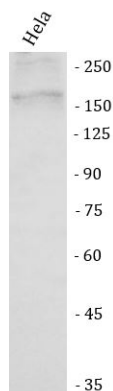
Gene Symbol	PXDN
Gene Full Name	peroxidasin
Background	This gene encodes a heme-containing peroxidase that is secreted into the extracellular matrix. It is involved in extracellular matrix formation, and may function in the physiological and pathological fibrogenic response in fibrotic kidney. Mutations in this gene cause corneal opacification and other ocular anomalies, and also microphthalmia and anterior segment dysgenesis. [provided by RefSeq, Aug 2014]
Function	Displays low peroxidase activity and is likely to participate in H ₂ O ₂ metabolism and peroxidative reactions in the cardiovascular system. Plays a role in extracellular matrix formation. [UniProt]
Calculated Mw	64 kDa
PTM	Disulfide bond; Glycoprotein; Phosphoprotein. [UniProt]
Cellular Localization	Basement membrane; Endoplasmic reticulum; Extracellular matrix; Secreted. [UniProt]

Images



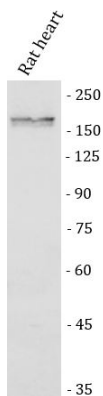
ARG45746 anti-PXDN / VPO1 antibody IHC-P image

Immunohistochemistry: Human pancreas cancer stained with ARG45746 anti-PXDN / VPO1 antibody at 2 µg/ml dilution.



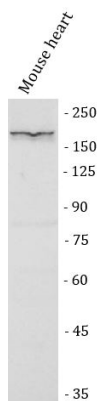
ARG45746 anti-PXDN / VPO1 antibody WB image

Western blot: HeLa stained with ARG45746 anti-PXDN / VPO1 antibody at 0.5 µg/ml dilution.



ARG45746 anti-PXDN / VPO1 antibody WB image

Western blot: Rat heart stained with ARG45746 anti-PXDN / VPO1 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45746 anti-PXDN / VPO1 antibody WB image

Western blot: Mouse heart stained with ARG45746 anti-PXDN / VPO1 antibody at 0.5 $\mu\text{g/ml}$ dilution.