

ARG45162 anti-PYROXD1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PYROXD1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	PYROXD1
Species	Human
Immunogen	Recombinant protein containing to human PYROXD1.
Conjugation	Un-conjugated
Alternate Names	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1; PYROXD1

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	50-56 kDa	

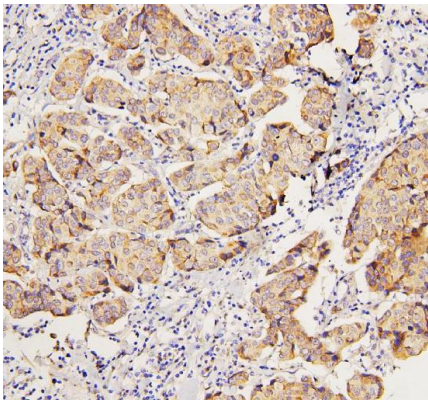
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
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

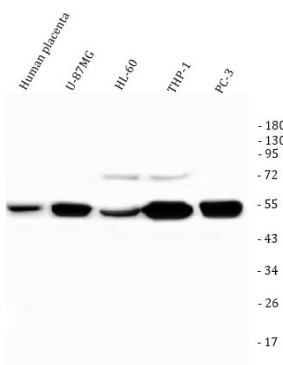
Gene Symbol	PYROXD1
Gene Full Name	pyridine nucleotide-disulphide oxidoreductase domain 1
Background	This gene encodes a nuclear-cytoplasmic pyridine nucleotide-disulphide reductase (PNDR). PNDRs are flavoproteins that catalyze the pyridine nucleotide-dependent reduction of thiol residues in other proteins. The encoded protein belongs to the class I pyridine nucleotide-disulphide oxidoreductase family but lacks the C-terminal dimerization domain found in other family members and instead has a C-terminal nitrile reductase domain. It localizes to the nucleus and to striated sarcomeric compartments. Naturally occurring mutations in this gene cause early-onset myopathy with internalized nuclei and myofibrillar disorganization. A pseudogene of this gene has been defined on chromosome 11. [provided by RefSeq, Apr 2017]
Function	Probable FAD-dependent oxidoreductase; involved in the cellular oxidative stress response. [UniProt]
Calculated Mw	56 kDa
PTM	Probable FAD-dependent oxidoreductase; involved in the cellular oxidative stress response. [UniProt]
Cellular Localization	Nucleus; Cytoplasm. [UniProt]

Images



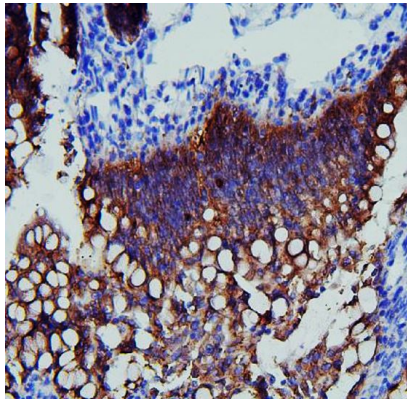
ARG45161 anti-PPA2 antibody IHC-P image

Immunohistochemistry: Human mammary cancer stained with ARG45161 anti-PPA2 antibody at 1 µg/ml dilution.



ARG45162 anti-PYROXD1 antibody WB image

Western blot: Human placenta, U-87MG, HL-60, THP-1, and PC-3 stained with ARG45162 anti-PYROXD1 antibody at 0.5 µg/ml dilution.



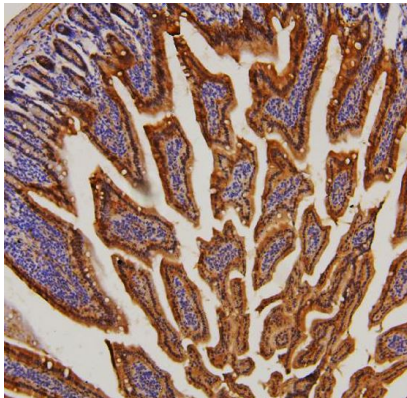
ARG45162 anti-PYROXD1 antibody IHC-P image

Immunohistochemistry: Rat intestine stained with ARG45162 anti-PYROXD1 antibody at 1 µg/ml dilution.



ARG45162 anti-PYROXD1 antibody WB image

Western blot: Rat kidney stained with ARG45162 anti-PYROXD1 antibody at 0.5 µg/ml dilution.



ARG45161 anti-PPA2 antibody IHC-P image

Immunohistochemistry: Mouse intestine stained with ARG45161 anti-PPA2 antibody at 1 µg/ml dilution.