ARG64375
anti-PRRX1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PRRX1
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_008833.1; NP_073207.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PRRX1
Species	Human
Immunogen	C-GSDTPQQDNDQ
Conjugation	Un-conjugated
Alternate Names	Paired mesoderm homeobox protein 1; PRX-1; PRX1; AGOTC; Homeobox protein PHOX1; PHOX1; Paired-related homeobox protein 1; PMX1

Application Instructions

Application table

Application	Dilution
IHC-P	Assay - dependent
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

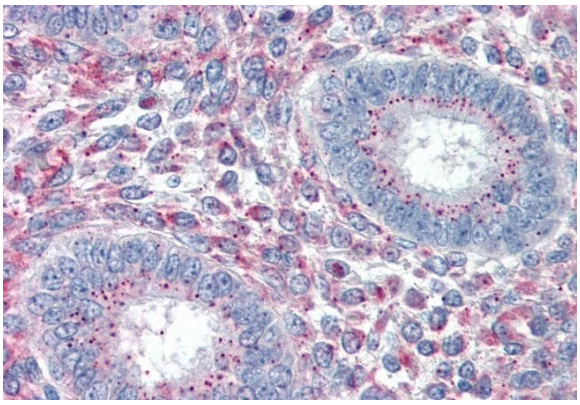
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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

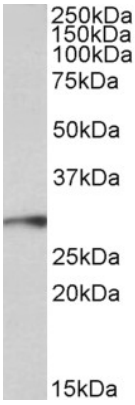
Database links	GeneID: 5396 Human Swiss-port # P54821 Human
Background	The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq, Jul 2008]
Research Area	Gene Regulation antibody
Calculated Mw	27 kDa

Images



ARG64375 anti-PRRX1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64375 anti-PRRX1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG64375 anti-PRRX1 antibody WB image

Western blot: 35 µg of Human muscle lysate (in RIPA buffer) stained with ARG64375 anti-PRRX1 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.