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Datasheet for ABIN6940396

anti-BARX1 antibody (AA 155-254)

3 Images



Overview

Quantity:	100 μg
Target:	BARX1
Binding Specificity:	AA 155-254
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BARX1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

lmmunogen:	Recombinant fragment of human BARX1 protein (around aa 155-254) (exact sequence is proprietary)
Clone:	BARX1-2759
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	BARX1
Alternative Name:	BARX1 (BARX1 Products)
Background:	BarX1 is a member of the Bar subclass of homeobox transcription factors. Studies of the

Target Details

Mouse and chick homolog suggest the encoded protein may play a role in developing teeth and
craniofacial mesenchyme of neural crest origin. The protein may also be associated with
differentiation of stomach epithelia. Down-regulation of Barx1 promotes HCC migration,
invasion and metastasis, whereas up-regulation of Barx1 inhibits HCC migration, invasion and
metastasis. The loss of Barx1 expression represents a prognostic biomarker in human HCC.
241/0

Molecular Weight:

24kDa

Gene ID:

56033

Pathways:

Sensory Perception of Sound

Application Details

Application Notes:

Positive Control: HepG2 cell lysate. Pancreas.

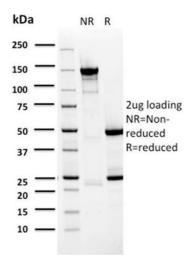
Known Application: Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions:

For Research Use only

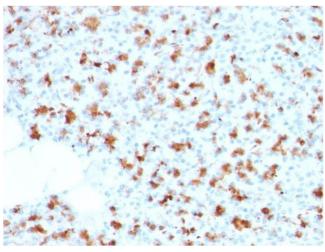
Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



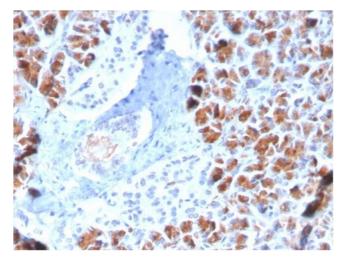
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified BARX1 Mouse Monoclonal Antibody (BARX1/2759). Confirmation of Purity and Integrity of Antibody



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).