

BarX2 Rabbit pAb

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Catalog # AP57458

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UMQ3
Reactivity	Rat, Mouse
Predicted	Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31188
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BarX2
Epitope Specificity	81-180/279
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the homeobox transcription factor family. A highly related protein in mouse has been shown to influence cellular processes that control cell adhesion and remodeling of the actin cytoskeleton in myoblast fusion and chondrogenesis. The encoded protein may also play a role in cancer progression. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	8538
Other Names	Homeobox protein BarH-like 2, BARX2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	BARX2
Function	Transcription factor. Binds optimally to the DNA consensus sequence

5'-YYTAATGRTTTY-3'. May control the expression of neural adhesion molecules such as L1 or Ng-CAM during embryonic development of both the central and peripheral nervous system. May be involved in controlling adhesive processes in keratinizing epithelia (By similarity).

Cellular Location

Nucleus.

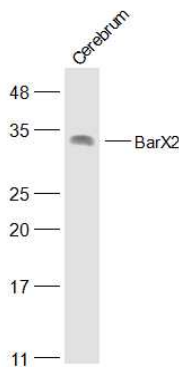
Tissue Location

Highly expressed in adult salivary gland and at much lower levels in mammary gland, kidney and placenta

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Images



Sample:

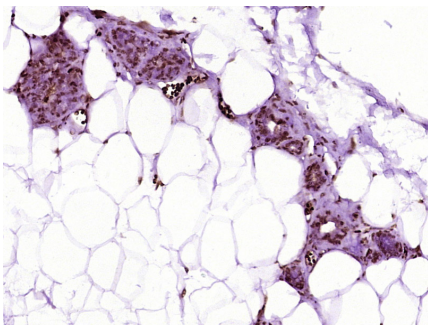
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-BarX2 (AP57458) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kD

Observed band size: 31 kD



Paraformaldehyde-fixed, paraffin embedded (Rat breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (BarX2) Polyclonal Antibody, Unconjugated (AP57458) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.