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SHOX2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10488

Product Information

Application	WB
Primary Accession	O60902
Other Accession	NM_006884, NP_006875
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34953

Additional Information

Gene ID	6474
Alias Symbol	OG12, OG12X, OGI2X, SHOT
Other Names	Short stature homeobox protein 2, Homeobox protein Og12X, Paired-related homeobox protein SHOT, SHOX2, OG12X, SHOT
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SHOX2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SHOX2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

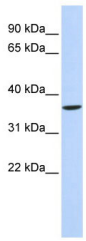
Protein Information

Name	SHOX2
Synonyms	OG12X, SHOT
Function	May be a growth regulator and have a role in specifying neural systems involved in processing somatosensory information, as well as in face and body structure formation.
Cellular Location	Nucleus.
Tissue Location	Expressed in heart, skeletal muscle, liver, lung, bone marrow fibroblast, pancreas and placenta

References

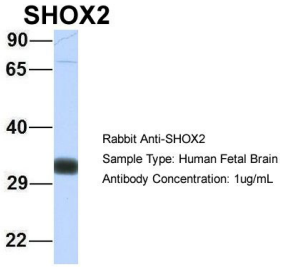
Hillman,R.T., Genome Biol. 5 (2), R8 (2004)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-SHOX2 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: 721_B cell lysate

SHOX2 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Host:Rabbit
Target Name:SHOX2
Sample Tissue:Human Fetal Brain
Antibody Dilution:1.ug/ml