

**SHOX2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56706****Specification**

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**SHOX2 Polyclonal Antibody - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | IHC-P, IHC-F, IF, ICC, E   |
| Primary Accession | <a href="#">O60902</a>     |
| Reactivity        | Rat, Pig, Cat, Dog, Bovine |
| Host              | Rabbit                     |
| Clonality         | Polyclonal                 |
| Calculated MW     | 34953                      |

**SHOX2 Polyclonal Antibody - Additional Information****Gene ID** 6474**Other Names**

Short stature homeobox protein 2, Homeobox protein Og12X, Paired-related homeobox protein SHOT, SHOX2, OG12X, SHOT

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
ICC ~ ~ N/A  
E ~ ~ N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**SHOX2 Polyclonal Antibody - 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**

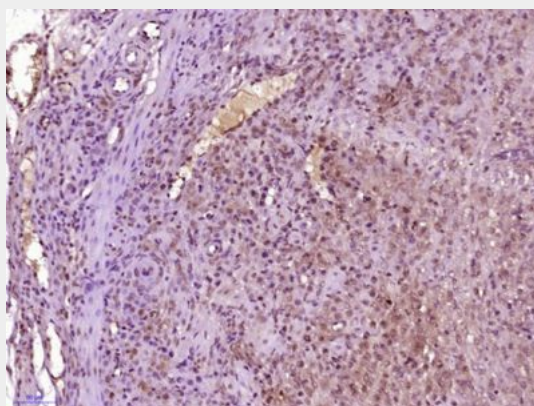
Expressed in heart, skeletal muscle, liver, lung, bone marrow fibroblast, pancreas and placenta

### SHOX2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SHOX2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse embryo); 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 (SHOX2) Polyclonal Antibody, Unconjugated (bs-17471R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.