

## SHOX2 Rabbit pAb

CatalogNo: YT6364

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, Flow Cyt

#### MW

- 36kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000****IHC 1:50-300, Flow Cyt 1:100-200**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human SHOX2 AA range: 37-87**Specificity** This antibody detects endogenous levels of SHOX2 at Human/Mouse/Rat

### Target Information

**Gene name** SHOX2 OG12X SHOT

**Protein Name** SHOX2

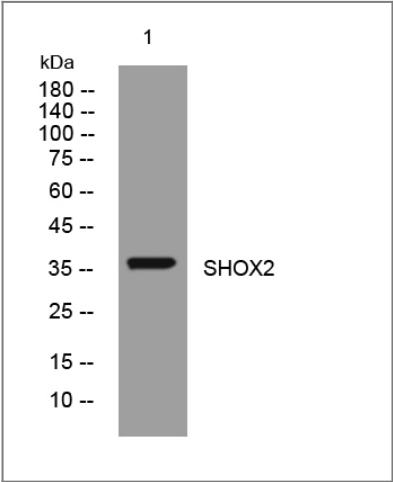
Organism	Gene ID	UniProt ID
Human	<a href="#">6474;</a>	<a href="#">O60902;</a>
Mouse	<a href="#">20429;</a>	<a href="#">P70390;</a>
Rat	<a href="#">25546;</a>	<a href="#">O35750;</a>

**Cellular Localization** Nucleus.

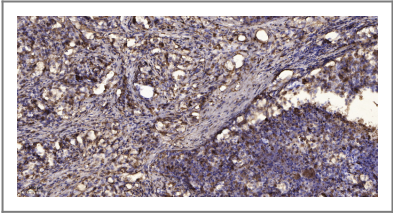
**Tissue specificity** Expressed in heart, skeletal muscle, liver, lung, bone marrow fibroblast, pancreas and placenta.

**Function** developmental stage:Expressed during cranofacial development as well as in heart.,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.,similarity:Belongs to the paired homeobox family. Bicoid subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 OAR domain.,tissue specificity:Expressed in heart, skeletal muscle, liver, lung, bone marrow fibroblast, pancreas and placenta.,

| Validation Data



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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**SHOX2 Rabbit pAb**

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