

STOX1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54982**Specification**

STOX1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q6ZVD7
Reactivity	Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110962

STOX1 Polyclonal Antibody - Additional Information**Gene ID** 219736**Other Names**

Storkhead-box protein 1, Winged-helix domain-containing protein, STOX1, C10orf24

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.

STOX1 Polyclonal Antibody - Protein Information**Name** STOX1**Synonyms** C10orf24**Function**

Involved in regulating the levels of reactive oxidative species and reactive nitrogen species and in mitochondrial homeostasis in the placenta (PubMed:24738702). Required for regulation of inner ear epithelial cell proliferation via the AKT signaling pathway (By similarity).

Cellular Location

[Isoform A]: Cytoplasm. Nucleus Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=In epithelial cells, diffusely expressed in the cytoplasm, particularly in peri-membrane cortical regions (By similarity). Concentrated at centrosomes during metaphase (PubMed:22253775). {ECO:0000250|UniProtKB:B2RQL2, ECO:0000269|PubMed:22253775}

[Isoform C]: Nucleus, nucleolus.

Tissue Location

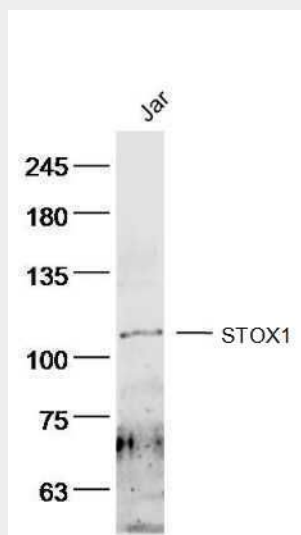
Expressed in placenta, including the invasive extravillous trophoblast cells.

STOX1 Polyclonal Antibody - Protocols

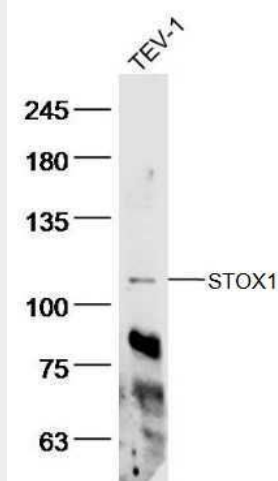
Provided below are standard protocols that you may find useful for product applications.

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

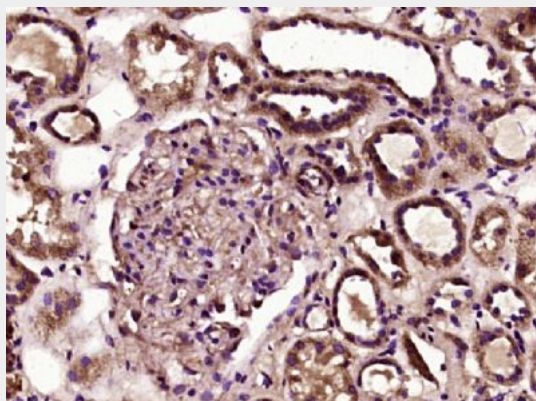
STOX1 Polyclonal Antibody - Images



Sample: Jar(Human) Cell Lysate at 40 ug
Primary: Anti-STOX1 (bs-12805R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 111 kD
Observed band size: 111 kD



Sample: TEV-1(Human) Cell Lysate at 40 ug
Primary: Anti-STOX1 (bs-12805R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 111 kD
Observed band size: 111 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney tissue); 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 (STOX1) Polyclonal Antibody, Unconjugated (bs-12805R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.