

STOX1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15629**Specification**

STOX1 Antibody (C-Terminus) - Product Information

Application	IHC, WB
Primary Accession	Q6ZVD7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111kDa KDa

STOX1 Antibody (C-Terminus) - Additional Information**Gene ID** 219736**Other Names**

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

Target/Specificity

Human STOX1. STOX1 antibody is human reactive. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed. STOX1 antibody recognize the longest isoform.

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

STOX1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

STOX1 Antibody (C-Terminus) - 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

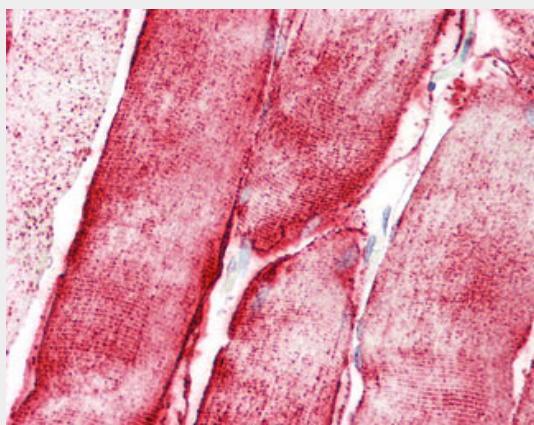
Expressed in placenta, including the invasive extravillous trophoblast cells.

STOX1 Antibody (C-Terminus) - Protocols

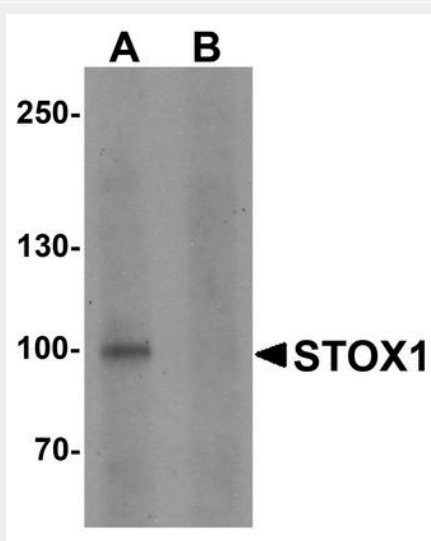
Provided below are standard protocols that you may find useful for product applications.

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

STOX1 Antibody (C-Terminus) - Images



Anti-STOX1 antibody IHC staining of human skeletal muscle.



Western blot analysis of STOX1 in human liver tissue lysate with STOX1 antibody at 1 ug/ml in...

STOX1 Antibody (C-Terminus) - References

van Dijk M.,et al.Nat. Genet. 37:514-519(2005).

Deloukas P.,et al.Nature 429:375-381(2004).

van Dijk M.,et al.Submitted (JUN-2005) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).