

SOHLH2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18515c**Specification**

SOHLH2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9NX45
Other Accession	NP_060296.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46941
Antigen Region	232-258

SOHLH2 Antibody (Center) - Additional Information**Gene ID** 100526761;54937**Other Names**

Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 2, SOHLH2, TEB1

Target/Specificity

This SOHLH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-258 amino acids from the Central region of human SOHLH2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SOHLH2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SOHLH2 Antibody (Center) - Protein Information**Name** SOHLH2

Synonyms TEB1

Function Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation. Coordinates oocyte differentiation without affecting meiosis I (By similarity).

Cellular Location

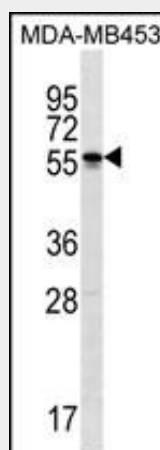
Nucleus {ECO:0000250|UniProtKB:Q9D489, ECO:0000255|PROSITE-ProRule:PRU00981}.
Cytoplasm {ECO:0000250|UniProtKB:Q9D489}. Note=Translocates from the cytoplasm into the nucleus and the translocation is dependent on SOHLH1 expression.
{ECO:0000250|UniProtKB:Q9D489}

SOHLH2 Antibody (Center) - 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](#)

SOHLH2 Antibody (Center) - Images



SOHLH2 Antibody (Center) (Cat. #AP18515c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SOHLH2 antibody detected the SOHLH2 protein (arrow).

SOHLH2 Antibody (Center) - Background

Probable transcription factor, which may be involved in spermatogenesis and oogenesis (By similarity).

SOHLH2 Antibody (Center) - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :