10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# HSB11 Antibody (C-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP9422b**

## Specification

### HSB11 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9Y547

### HSB11 Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID** 51668

**Other Names**
Intraflagellar transport protein 25 homolog, Heat shock protein beta-11, Hspb11, Placental protein 25, PP25, HSPB11, C1orf41, IFT25

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### HSB11 Antibody (C-term) Blocking Peptide - Protein Information

**Name** IFT25 (HGNC:25019)

**Synonyms** C1orf41, HSPB11

**Function**
Component of the IFT complex B required for sonic hedgehog/SHH signaling. May mediate transport of SHH components: required for the export of SMO and PTCH1 receptors out of the cilium and the accumulation of GLI2 at the ciliary tip in response to activation of the SHH pathway, suggesting it is involved in the dynamic transport of SHH signaling molecules within the cilium. Not required for ciliary assembly. Its role in intraflagellar transport is mainly seen in tissues rich in ciliated cells such as kidney and testis. Essential for male fertility, spermiogenesis and sperm flagella formation. Plays a role in the early development of the kidney. May be involved in the regulation of ureteric bud initiation (By similarity).

**Cellular Location**
Cell projection, cilium {ECO:0000250|UniProtKB:Q9D6H2}

**Tissue Location**
Detected in placenta..

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## HSB11 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

## HSB11 Antibody (C-term) Blocking Peptide - Images

## HSB11 Antibody (C-term) Blocking Peptide - References

Follit, J.A., et al. Cell Motil. Cytoskeleton 66(8):457-468(2009)Bellyei, S., et al. Eur. J. Cell Biol. 86(3):161-171(2007)Pozsgai, E., et al. BMC Cancer 7, 233 (2007) :Bohn, H., et al. Arch. Gynecol. Obstet. 248(3):111-115(1991)