

## IFT25 Rabbit pAb

CatalogNo: YN5843

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 16kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### 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 IFT25

#### Specificity

This antibody detects endogenous levels of IFT25 at Human, Mouse

### Target Information

#### Gene name

HSPB11 C1orf41 HSPC034

Protein Name	Heat shock protein beta-11 (Hspb11) (Placental protein 25) (PP25)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">51668;</a>	<a href="#">Q9Y547;</a>
	Mouse	<a href="#">72938;</a>	<a href="#">Q9D6H2;</a>
Cellular Localization	Cell projection, cilium .		
Tissue specificity	Detected in placenta.		
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).		

## Validation Data

## Contact information

Orders: order@immunoway.com  
Support: tech@immunoway.com  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: http://www.immunoway.com  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**IFT25 Rabbit pAb**

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