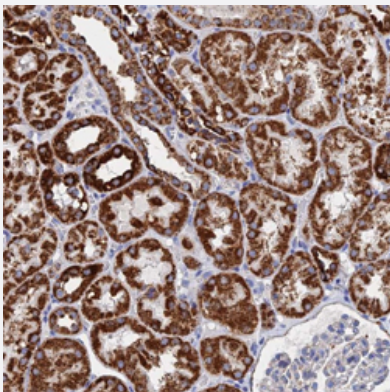


# IFT80 polyclonal antibody

Catalog # PAB27850      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with IFT80 polyclonal antibody (Cat # PAB27850) shows strong cytoplasmic positivity with a granular pattern in cells in tubules at 1:50-1:200 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant IFT80.
Immunogen	Recombinant protein corresponding to amino acids of human IFT80.
Sequence	EELYSCSDDHQMKWNLLTSETTQMKLPDDIYPIDFWFKSLGVKKQTQAESFVLTSDDGKFHLI SKLGRVEKSVEAHCGAVLAGRWNY
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — IFT80

**Entrez GeneID** [57560](#)

**Gene Name** IFT80

**Gene Alias** ATD2, KIAA1374, MGC126543, WDR56

**Gene Description** intraflagellar transport 80 homolog (Chlamydomonas)

**Omim ID** [611177](#) [611263](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The IFT80 gene encodes a protein with 7 WD40 domains that is a component of the intraflagellar transport (IFT) complex B (Beales et al., 2007 [PubMed 17468754]). The IFT is essential for the development and maintenance of motile and sensory cilia.[supplied by OMIM]

**Other Designations** WD repeat domain 56

## Publication Reference

- [The Effect of IFT80 Deficiency in Osteocytes on Orthodontic Loading-Induced and Physiologic Bone Remodeling: In Vivo Study.](#)

Hyeran Helen Jeon, Jessica Kang, Jiahui Madelaine Li, Douglas Kim, Gongsheng Yuan, Nicolette Almer, Min Liu, Shuying Yang. Life (Basel, Switzerland) 2022 Jul; 12(8):1147.

Application: IF, Human, Rabbit, Osteocytes