## AP52160PU-N — Polyclonal Antibody to IFT81 / CDV1 (C-term) - Aff - Purified

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| **Alternate names:** | CDV-1, Carnitine deficiency-associated protein expressed in ventricle 1, Intraflagellar transport protein 81 homolog |
| **Quantity:** | 0.4 ml |
| **Concentration:** | lot specific |
| **Background:** | Isoform CDV-1 may be involved in cardiac hypertrophy caused by carnitine deficiency (By similarity). Isoform CDV-1R appears to play a role in development of the testis and spermatogenesis (By similarity). |
| **Uniprot ID:** | Q8WYA0 |
| **NCBI:** | NP_001137251 |
| **GeneID:** | 28981 |
| **Host / Isotype:** | Rabbit / Ig |
| **Immunogen:** | KLH conjugated synthetic peptide between 534-563 amino acids from the C-terminal region of human IFT81 |
| **Format:** | **State:** Liquid purified Ig fraction<br>**Purification:** Affinity chromatography on Protein A<br>**Buffer System:** PBS<br>**Preservatives:** 0.09% (W/V) sodium azide |
| **Applications:** | **ELISA:** 1/1000.<br>**Western Blot:** 1/100 - 1/500.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| **Molecular Weight:** | 79746 Da |
| **Specificity:** | This antibody reacts to IFT81. |
| **Species Reactivity:** | **Tested:** Human and Mouse. |
| **Storage:** | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch. |
| **General Readings:** | 1. Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008)<br>2. Lamesch, P., et al. Genomics 89(3):307-315(2007)<br>3. Peng, J., et al. Mol. Biol. Rep. 29(4):353-362(2002)<br>4. Higashi, M., et al. Mamm. Genome 11(12):1053-1057(2000) |

**Pictures:**

IFT81 Antibody (C-term) (Cat. #AP52160PU-N) western blot analysis in mouse testis tissue lysates (35µg/lane).This demonstrates the IFT81 antibody detected the IFT81 protein (arrow).

m.testis

250 —

130

95

72

55