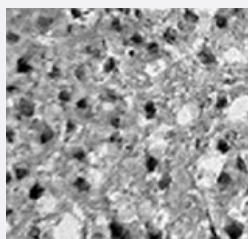


# HIF1AN polyclonal antibody

Catalog # PAB12417      Size 100 uL

## Applications



### Immunohistochemistry

Detection of HIF1AN in rat brain tissue using HIF1AN polyclonal antibody (Cat # PAB12417) (1 : 100).

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of HIF1AN.

**Immunogen** A synthetic peptide corresponding to C-terminus of human HIF1AN.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Specificity** This antibody is specific to FIH-1 protein.

**Form** Liquid

**Recommend Usage** Immunohistochemistry (1:100)  
Western Blot (1:1000-1:5000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.09% sodium azide)

**Storage Instruction** Store at 4°C. Do not freeze.

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

## Applications

- Western Blot

- Immunohistochemistry

Detection of HIF1AN in rat brain tissue using HIF1AN polyclonal antibody (Cat # PAB12417) (1 : 100).

- Immunoprecipitation

## Gene Info — HIF1AN

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">55662</a>                                                                                                            |
| Protein Accession# | <a href="#">Q9NWT6</a>                                                                                                           |
| Gene Name          | HIF1AN                                                                                                                           |
| Gene Alias         | DKFZp762F1811, FIH1, FLJ20615, FLJ22027                                                                                          |
| Gene Description   | hypoxia inducible factor 1, alpha subunit inhibitor                                                                              |
| Omim ID            | <a href="#">606615</a>                                                                                                           |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                        |
| Gene Summary       | O                                                                                                                                |
| Other Designations | OTTHUMP00000020284 Peptide-aspartate beta-dioxygenase factor inhibiting HIF1 hypoxia-inducible factor 1, alpha subunit inhibitor |

## Publication Reference

- [Interaction with factor inhibiting HIF-1 defines an additional mode of cross-coupling between the Notch and hypoxia signaling pathways.](#)

Zheng X, Linke S, Dias JM, Zheng X, Gradin K, Wallis TP, Hamilton BR, Gustafsson M, Ruas JL, Wilkins S, Bilton RL, Brismar K, Whitelaw ML, Pereira T, Gorman JJ, Ericson J, Peet DJ, Lendahl U, Poellinger L.

PNAS 2008 Mar; 105(9):3368.

- [Protein kinase C-mediated modulation of FIH-1 expression by the homeodomain protein CDP/Cut/Cux.](#)

Li J, Wang E, Dutta S, Lau JS, Jiang SW, Datta K, Mukhopadhyay D.

Molecular and Cellular Biology 2007 Oct; 27(20):7345.

Application: WB-Tr, Human, 786-O RCC cells

- [Suppression of the hypoxia-inducible factor-1 response in cervical carcinoma xenografts by proteasome inhibitors.](#)

Birle DC, Hedley DW.

Cancer Research 2007 Feb; 67(4):1735.

Application: IP, WB, Human, SiHa cells

- [MMP-2 and MMP-9 increase the neurite-promoting potential of schwann cell basal laminae and are upregulated in degenerated nerve.](#)

Ferguson TA, Muir D.

Molecular and Cellular Neurosciences 2000 Aug; 16(2):157.

## Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
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