

Recombinant Human PHD1/prolyl hydroxylase protein ab132272

画像数 1

製品の詳細

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| 製品名 | Recombinant Human PHD1/prolyl hydroxylase protein |
| 発現系 | Wheat germ |
| アクセッション番号 | <u>Q96KS0</u> |
| タンパク質長 | Full length protein |
| Animal free | No |
| 由来 | Recombinant |
| 生物種 | Human |
| 配列 | <p>MDSPCQPQPLSQALPQLPGSSSEPLEPEPGRARMGVESYLP PLLPSYHC PGVPSEASAGSGTPRATATSTTASPLRDGFGGQDGGELRPLQ SEGAAALV TKGCQRLAAQGARPEAPKRKWAEDGGDAPSPSKRPWARQENQ EAEREGBM SCSCSSSGSEASAGLMEEALPSAPERLALDYIVPCMRYYGIC VKDSFLGA ALGGRVLA EVEALKRGGRLRDGQLVSQRAIPPRSIRGDQIAW VEGHEPGC RSIGALMAHVDVIRHCAGRLGSYVINGRTKAMVACYPGNL GYVRHVDN PHGDGRCITCIYYLNQNWVKVHGGLLQIFPEGRPVVANIEP LFDRLLIIF WSDRRNPHEVKPAYATRYAITVWYFDAKERA AAKDKYQLASG QKGVQVPV SQPPTPT</p> |
| 予測される分子量 | 71 kDa including tags |
| 領域 | 1 to 407 |

特性

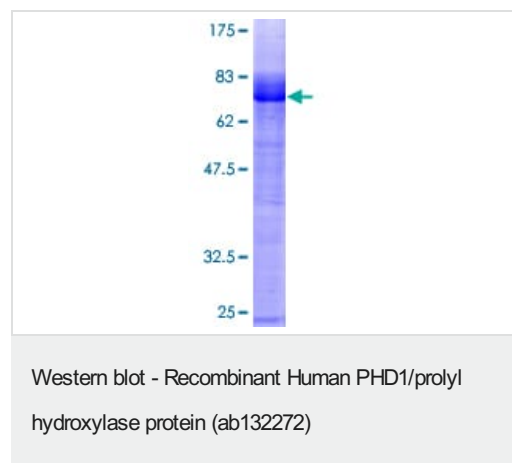
Our **Abpromise guarantee** covers the use of **ab132272** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| アプリケーション | ELISA |
| | SDS-PAGE |

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|------------|---|
| | Western blot |
| 製品の状態 | Liquid |
| 前処理および保存 | |
| 保存方法および安定性 | <p>Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.79% Tris HCl, 0.31% Glutathione</p> |
| 関連情報 | |
| 機能 | Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF-1 alpha at 'Pro-402' and 'Pro-564', and HIF-2 alpha. Functions as a cellular oxygen sensor and, under normoxic conditions, targets HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex. May play a role in cell growth regulation. Isoform p40 and isoform p43 exhibit the same level of activity. |
| 組織特異性 | Expressed abundantly in all tissues with highest expression in testis. Expressed in hormone responsive tissues, including normal and cancerous mammary, ovarian and prostate epithelium. |
| 配列類似性 | Contains 1 Fe2OG dioxygenase domain. |
| 細胞内局在 | Cytoplasm. Nucleus. |

画像



12.5% SDS-PAGE analysis of ab132272 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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