

PHD2 / prolyl hydroxylase Rabbit monoclonal antibody

Catalog: BS40613

Host: Rabbit

Reactivity: Human

BackGround:

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

46kDa

Swiss-Prot:

Q9GZT9

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:500~1:2000 IP 1:50

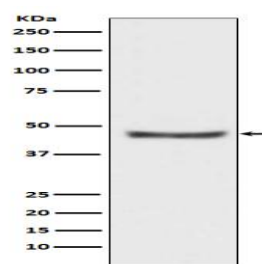
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PHD2 / prolyl hydroxylase Antibody detects endogenous levels of total PHD2 / prolyl hydroxylase

DATA:



Western blot analysis of PHD2 / prolyl hydroxylase expression in SH-SY5Y cell lysate.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151