

Prolyl hydroxylase PHD1 (EGLN2) polyclonal antibody

Catalog: BS9885M

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.

Product:

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

Molecular Weight:

43kDa

Swiss-Prot:

Q96KS0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IP, 1:20 - 1:50

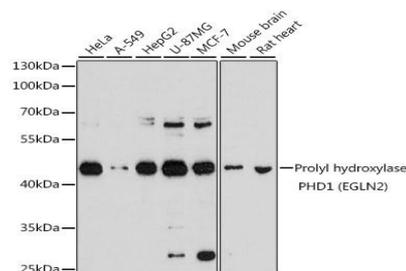
Storage&Stability:

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

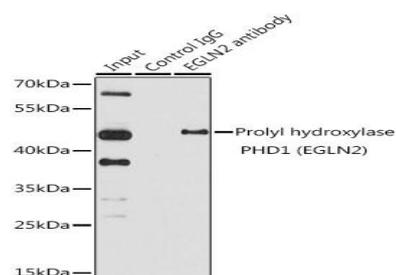
Category:

Polyclonal Antibodies

DATA:



Western blot analysis of extracts of various cell lines, using Prolyl hydroxylase PHD1) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug Prolyl hydroxylase PHD1) antibody . Western blot was performed from the immunoprecipitate using Prolyl hydroxylase PHD1) antibody at a dilution of 1:1000.

Note:

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

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