

Anti-HIF PH4 Antibody (9G27)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9G27
Purification:	Affinity-chromatography

Applications

Verified Activity:	Immunoprecipitate (IP) analysis using the HIF PH4 Antibody, mAb, Rabbit at 1:50 dilution. (wb at 1:1000 dilution)
Application:	FCM,IHC,IP,WB
Recommended	FCM: 1:20-1:100; IHC: 1:100-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human HIF PH4
Synonyms:	P4htm;PHD4;HIFPH4;Proline 4 hydroxylase;P4H with transmembrane domain;Hypoxia inducible factor prolyl 4 hydroxylase;PH4;EGLN4;Prolyl hydroxylase domain containing 4

Research Background

Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF1A at 'Pro-402' and 'Pro-564'. May function as a cellular oxygen sensor and, under normoxic conditions, may target HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481