

Datasheet for ABIN2463514

anti-EGLN3 antibody





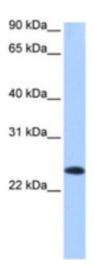
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100 μL	
EGLN3	
Human, Mouse, Rat	
Rabbit	
Polyclonal	
This EGLN3 antibody is un-conjugated	
ELISA, Western Blotting (WB)	
Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human EGLN3.	
Antibody is purified by peptide affinity chromatography method.	
EGLN3	
EGLN3 (EGLN3 Products)	
EGLN3 catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. It hydroxylates HIF-1 alpha at 'Pro-564', and HIF-2 alpha. EGLN3 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. It may play a role in cell growth regulation in muscle cells and in apoptosis in neuronal tissue.	

Target Details

Target Details		
	EGLN3 promotes cell death through a caspase-dependent mechanism.	
Molecular Weight:	27 kDa	
Gene ID:	112399	
NCBI Accession:	NP_071356	
UniProt:	Q9H6Z9	
Pathways:	Positive Regulation of Endopeptidase Activity	
Application Details		
Application Notes:	EGLN3 antibody can be used for detection of EGLN3 by ELISA at 1:1562500. EGLN3 antibody	
	can be used for detection of EGLN3 by western blot at 1 $\mu g/mL$, and HRP conjugated	
	secondary antibody should be diluted 1:50,000 - 100,000.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.	
Concentration:	1 mg/mL	
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.	
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.	
Storage:	4 °C/-20 °C	
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store EGLN3 antibody at -20 °C.	



Western Blotting

Image 1.