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[Primary Antibody]

Recombinant Rabbit Anti-EGLN3 Monoclonal Antibody

Catalog Number: SLA2407M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4B1
GeneID:	112399
SWISS:	Q9H6Z9
Target:	EGLN3
Immunogen:	A synthesized peptide derived from human PHD3
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ICC/IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	27 kDa
Background:	Prolyl hydroxylase that mediates hydroxylation of proline residues in target proteins, such as PKM, TELO2, ATF4 and HIF1A.Target proteins are preferentially recognized via a LXXLAP motif. Cellular oxygen sensor that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.