

EGLN2 recombinant antibody

Recombinant Anti-EGLN2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266408	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

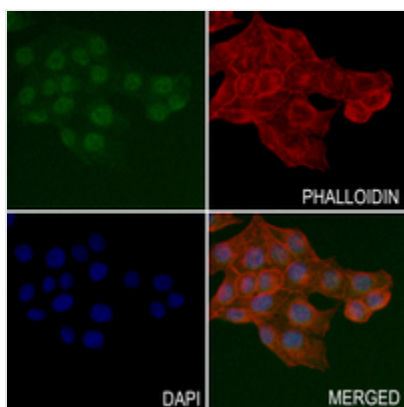
PRODUCT SYNONYMS

EGLN2; Monoclonal Recombinant Antibody; Recombinant Anti-EGLN2 Rabbit mAb; EIT6; Egl nine homolog 2; Estrogen-induced tag 6; HPH-3; Hypoxia-inducible factor prolyl hydroxylase 1; HIF-PH1; HIF-prolyl hydroxylase 1; HPH-1; Prolyl hydroxylase domain-containing protein 1; PHD1; EGLN2 recombinant antibody

PRODUCT SPECIFICATIONS

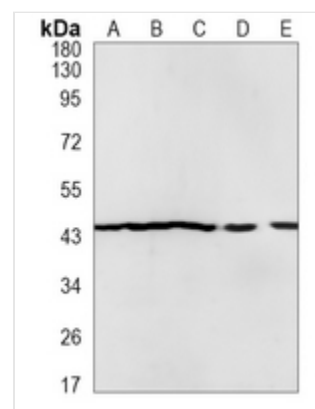
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of EGLN2 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for EGLN2 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human EGLN2 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of EGLN2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of EGLN2 expression in Hela (A), K562 (B), THP1 (C), mouse liver (D), mouse muscle (E) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 44 kD)

ADDITIONAL INFORMATION

Related Product Information for EGLN2 recombinant antibody	Recombinant rabbit monoclonal antibody to EGLN2
Product Categories/Family for EGLN2 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	32129513
NCBI GeneID	112398
UniProt Accession #	Q96KS0; Q91YE2
Molecular Weight	407
NCBI Official Full Name	Egl nine homolog 2
NCBI Official Synonym Full Names	egl-9 family hypoxia-inducible factor 2
NCBI Official Symbol	EGLN2
NCBI Official Synonym Symbols	EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1
NCBI Protein Information	egl nine homolog 2; estrogen-induced tag 6; HIF-prolyl hydroxylase 1; hypoxia-inducible factor prolyl hydroxylase 1; prolyl hydroxylase domain-containing protein 1
UniProt Protein Name	Egl nine homolog 2
UniProt Gene Name	EGLN2
UniProt Synonym Gene Names	EIT6; HIF-PH1; HIF-prolyl hydroxylase 1; HPH-1; PHD1
UniProt Entry Name	EGLN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/eglIn2-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266408>