

Rabbit EPAS1 Polyclonal Antibody | anti-HIF2a antibody

EPAS1 Polyclonal Antibody

CATALOG # AAA280270	HOST Rabbit	APPLICATIONS Immunofluorescence, Western Blot
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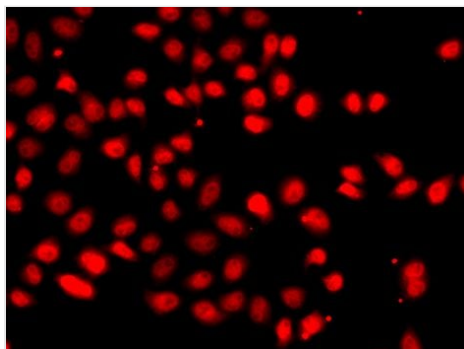
PRODUCT SYNONYMS

EPAS1; Polyclonal Antibody; EPAS1 Polyclonal Antibody; anti-HIF2a antibody

PRODUCT SPECIFICATIONS

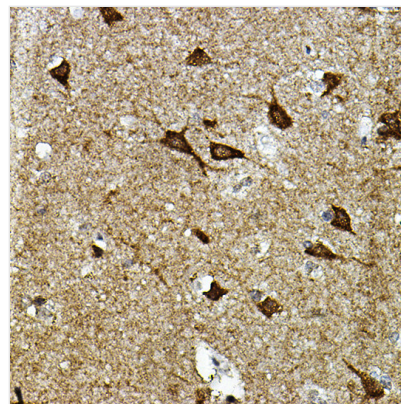
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	870
Applicable Applications for anti-HIF2a antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 678-745 of human EPAS1/HIF2? (NP_001421.2).
Species Reactivity/ Cross Reactivity	Human, Mouse
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

IMAGES



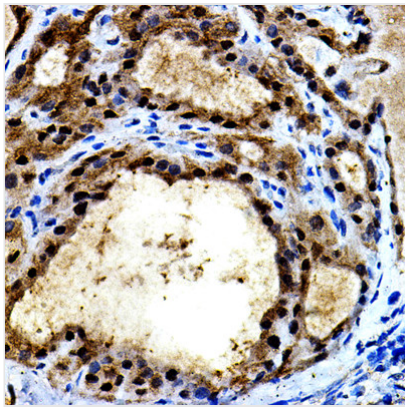
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using EPAS1 antibody.



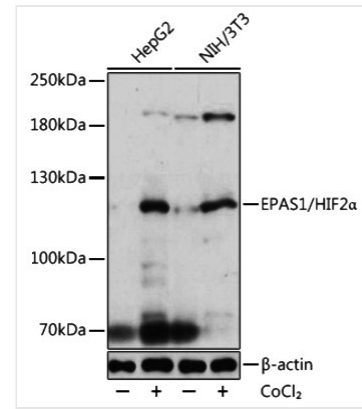
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded human brain using EPAS1/HIF2α; Rabbit pAb (AAA280270) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human thyroid cancer using EPAS1/HIF2α; Rabbit pAb (AAA280270) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EPAS1/HIF2α; antibody (AAA280270) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-HIF2α antibody

This gene encodes a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. The encoded protein contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in this gene are associated with erythrocytosis familial type 4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254439
NCBI GeneID	2034
NCBI Accession #	NP_001421.2
NCBI GenBank Nucleotide #	NM_001430.4
UniProt Accession #	Q99814; Q86VA2; Q99630
Molecular Weight	Observed MW: 120kDa Calculated MW: 96kDa
NCBI Official Full Name	endothelial PAS domain-containing protein 1
NCBI Official Synonym Full Names	endothelial PAS domain protein 1
NCBI Official Symbol	EPAS1
NCBI Official Synonym Symbols	HLF; MOP2; ECT4; HIF2A; PASD2; bHLHe73
NCBI Protein Information	endothelial PAS domain-containing protein 1
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	EPAS1
UniProt Synonym Gene Names	BHLHE73; HIF2A; MOP2; PASD2; EPAS-1; bHLHe73; HLF; HIF-2-alpha; HIF2-alpha
UniProt Entry Name	EPAS1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/epas1-antibody-immunofluorescence-western-blot-elisa/280270>