

EPAS1/HIF2 α Rabbit pAb

Catalog No.: A7553 **13 Publications**

Basic Information

Observed MW

120kDa

Calculated MW

96kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

| | |
|---------------|--|
| WB | 1:500 - 1:2000 |
| IHC-P | 1:50 - 1:200 |
| IF/ICC | 1:50 - 1:200 |
| ELISA | Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements. |

Immunogen Information

Gene ID

2034

Swiss Prot

Q99814

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HLF; MOP2; ECYT4; HIF2A; PASD2; bHLHe73; EPAS1/HIF2 α

Contact

| | |
|--|---------------------------|
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Product Information

Source

Rabbit

Isotype

IgG

Purification

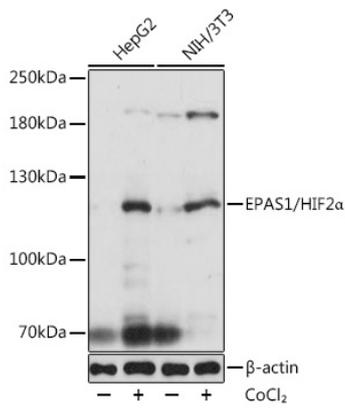
Affinity purification

Storage

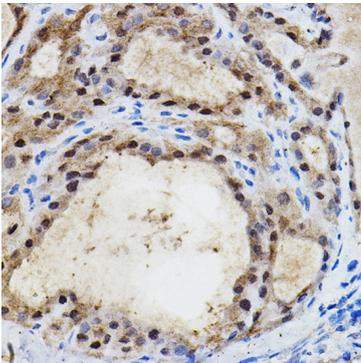
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

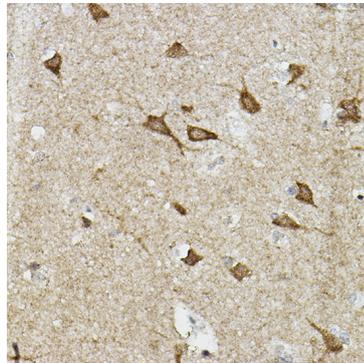
Validation Data



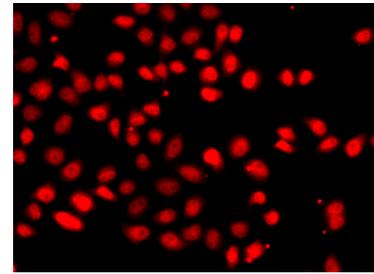
Western blot analysis of various lysates using EPAS1/HIF2 α Rabbit pAb (A7553) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using EPAS1/HIF2 α Rabbit pAb (A7553) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human brain using EPAS1/HIF2 α Rabbit pAb (A7553) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of A549 cells using EPAS1/HIF2 α Rabbit pAb (A7553). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.