



Rabbit polyclonal antibody to Hypoxia-inducible factor-2 alpha (202-240): Affinity purified

Catalogue No.:	R-1122-100
Description:	Hypoxia-inducible factor-2 alpha (HIF-2 alpha) is a transcription factor involved in the induction of oxygen regulated genes. HIF-2 alpha binds to a specific core DNA sequence within the hypoxia response element of target gene promoters.
Related products:	R-1786-100
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (YNNCPHSSLGCGYKEPLLSCLIIMCEPIQHPSHMDIPLD) corresponding to a region (202-240) from rat Hypoxia-inducible factor-2 alpha. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Endothelial PAS domain-containing protein 1; EPAS-1; Hypoxia-inducible factor 2 alpha; HIF-2 alpha; HIF2 alpha; Epas1; Hif2a;
Accession:	Q9JHS1 EPAS1_RAT;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Rat HIF-2 alpha has a predicted length of 874 residues and MW of 97 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Rat
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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