**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## HIF2 alpha Polyclonal Antibody GRP398

**Description** Transcription factor involved in the induction of oxygen regulated

genes. Binds to core DNA sequence 5'-[AG]CGTG-3' within the hypoxia response element (HRE) of target gene promoters. Regulates the vascular endothelial growth factor (VEGF) expression and seems to be implicated in the development of blood vessels and the tubular system of lung. May also play a role in the formation of the endothelium that gives rise to the blood brain barrier. Potent activator of the Tie-2 tyrosine kinase expression. Activation requires recruitment of transcriptional coactivators such as CREBPB and probably EP3. Interaction with redox regulatory protein APEX seems to activate CTAD (By

similarity).

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from mouse HIF2 Alph

(public\_immunogen\_range: 1-50/874)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

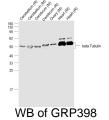
**Clonality** Polyclonal

**Purity** Purified by Protein A.

Uniprot ID P97481

Entrez 13819

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400





IHC-P of GRP398