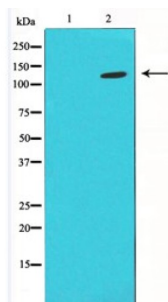


Hypoxia Inducible Factor 1 Alpha (HIF1a) Antibody

Catalogue No.: abx010552



Western blot analysis of LOVO using HIF1a antibody. The lane on the left is blocked with the antigen-specific peptide.

HIF1a antibody detects endogenous levels of HIF1a. Cell growth and viability is compromised by oxygen deprivation (hypoxia). Hypoxia-inducible factors, including HIF-1 alpha, Arnt 1 (also designated HIF-1 beta), EPAS-1 (also designated HIF-2 alpha) and HIF-3 alpha, induce glycolysis, erythropoiesis and angiogenesis in order to restore oxygen homeostasis. Hypoxia-inducible factors are members of the Per-Arnt-Sim (PAS) domain transcription factor family.

Target: Hypoxia Inducible Factor 1 Alpha (HIF1a)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/3000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Synthesised peptide derived from human HIF1a.

Form: Liquid

Purification: Purified by immunogen affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q16665 ([UniProt](#), [ExPASy](#))

Gene Symbol: HIF1A

Ensembl: ENSG00000100644

Datasheet

Version: 3.0.0

Revision date: 30 Apr 2025



Molecular Weight: 120 kDa

Buffer: PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Specificity: HIF1a antibody detects endogenous levels of HIF1a.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only