

Phospho-HIF1A (Ser641/Ser643) Ab

Cat.#: AF0062
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 120kDa
Clonality: Polyclonal

Application: WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Stable for 15 months from date of receipt. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen: A synthesized peptide derived from human HIF1A around the phosphorylation site of Ser641/643.

Uniprot: Q16665

Description: Cell growth and viability is compromised by oxygen deprivation (hypoxia). Hypoxia-inducible factors, including HIF-1?, Arnt 1 (also designated HIF-1?), EPAS-1 (also designated HIF-2?) and HIF-3?, 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.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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