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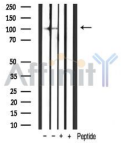
HIF1A Ab

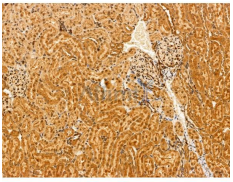
References(57) Images(52)

Cat.#: AF1009	Concn.: ~1mg/ml	Mol.Wt.: 120kDa
Size: 100ul,200ul,50ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:200 *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 antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human HIF1A, corresponding to a region within the internal amino acids.
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.



Western blot analysis of extracts from various sample,using hif1a Ab.
lane1:mouse muscle,
lane2:mouse brain,
lane3:mouse muscle with blocking peptide,
lane4:mouse brain with blocking peptide,



AF1009 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

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.