Recombinant DGRmAb®

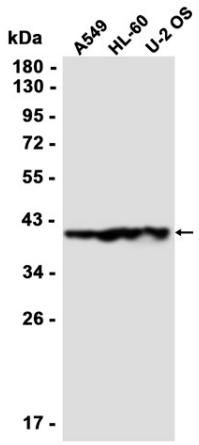
HIF1AN (DGR31952) Rabbit mAb

db13431 **Package : 10μL 20μL 50μL 100μL**

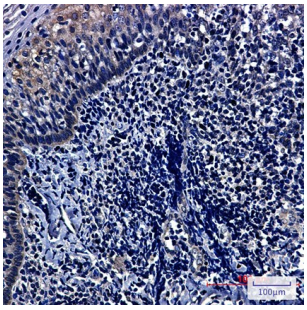
Product Name : HIF1AN (DGR31952) Rabbit mAb
Cat.No.: db13431
Synonyms : FIH1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

Background	Hydroxylates HIF-1 alpha at 'Asn-803' in the C-terminal transactivation domain (CAD)
Immunogen	A synthetic peptide of human HIF1AN/FIH-1
Gene ID	55662
Swiss Prot	Q9NWT6
Synonyms	FIH1
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:500 ICC/IF: 1:100-1:200 FC: 1:200-1:1000
Calculated MW	40 kDa
Observed MW	40 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31952
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

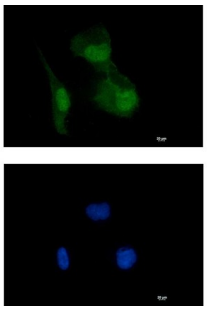
azide and 0.05% BSA. Stable for 12 months from date of receipt.



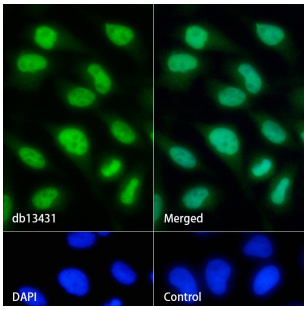
Western blot analysis of extracts from A549, HL-60, U-2 OS cells using db13431 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using db13431 antibody.



Immunofluorescent analysis of HT-1080 cells using db13431 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling HIF1AN with db13431.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db13431 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.