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HIF1AN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full-length recombinant HIF1AN.
Catalog # AT2369a

Product Information

Application	WB, IF, IP, E
Primary Accession	Q9NWT6
Other Accession	BC007719
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D8
Calculated MW	40285

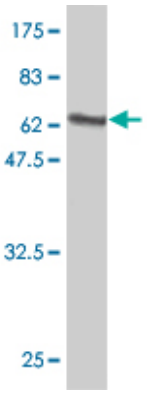
Additional Information

Gene ID	55662
Other Names	Hypoxia-inducible factor 1-alpha inhibitor, 11411n4, Factor inhibiting HIF-1, FIH-1, Hypoxia-inducible factor asparagine hydroxylase, HIF1AN, FIH1
Target/Specificity	HIF1AN (AAH07719.1, 1 a.a. ~ 349 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HIF1AN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

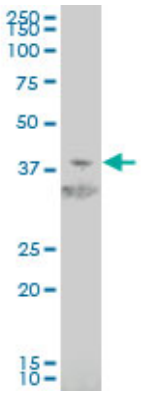
References

A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. Carcinogenesis, 2010 Jul. PMID 20453000.miR-31 ablates expression of the HIF regulatory factor FIH to activate the HIF pathway in head and neck carcinoma. Liu CJ, et al. Cancer Res, 2010 Feb 15. PMID 20145132.Genome-Wide Scan of Copy Number Variation in Late-Onset Alzheimer's Disease. Heinzen EL, et al. J Alzheimers Dis, 2009 Sep 11. PMID 19749422.Mint3 enhances the activity of hypoxia-inducible factor-1 (HIF-1) in macrophages by suppressing the activity of factor inhibiting HIF-1. Sakamoto T, et al. J Biol Chem, 2009 Oct 30. PMID 19726677.Nutlin-3, an Hdm2 antagonist, inhibits tumor adaptation to hypoxia by stimulating the FIH-mediated inactivation of HIF-1alpha. Lee YM, et al. Carcinogenesis, 2009 Oct. PMID 19696166.

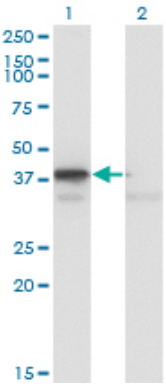
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (64.13 KDa) .

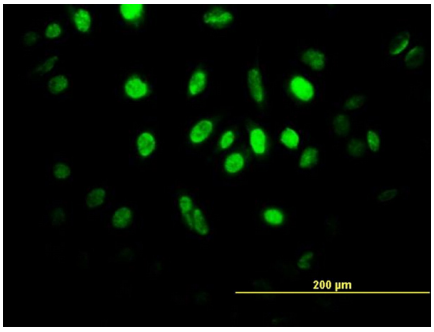


HIF1AN monoclonal antibody (M01), clone 1D8 Western Blot analysis of HIF1AN expression in Jurkat ((Cat # AT2369a)



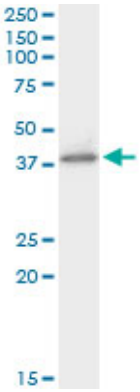
Western Blot analysis of HIF1AN expression in transfected 293T cell line by HIF1AN monoclonal antibody (M01), clone 1D8.

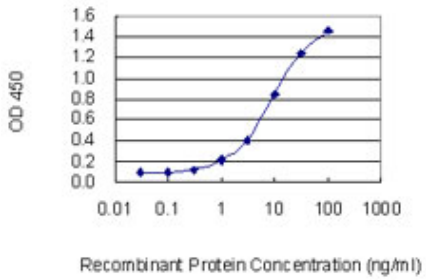
Lane 1: HIF1AN transfected lysate (Predicted MW: 40.3 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to HIF1AN on HeLa cell. [antibody concentration 10 ug/ml]

Immunoprecipitation of HIF1AN transfected lysate using anti-HIF1AN monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with HIF1AN monoclonal antibody.





Detection limit for recombinant GST tagged HIF1AN is 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.