

Datasheet for ABIN7454492
anti-HIF1AN antibody (AA 300-349)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HIF1AN
Binding Specificity:	AA 300-349
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIF1AN antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-FIH-1 Antibody, Affinity Purified
Immunogen:	between AA 300 and 349
Isotype:	IgG
Predicted Reactivity:	Mouse,Zebrafish
Purification:	Affinity Purified

Target Details

Target:	HIF1AN
Alternative Name:	FIH-1 (HIF1AN Products)

Target Details

Background:	Background: Factor inhibiting HIF-1 (FIH-1) hydroxylates HIF-1 alpha at 'Asp-803' in the C-terminal transactivation domain (CAD). FIH-1 functions as an oxygen sensor, and under normoxic conditions, the hydroxylation prevents interaction of HIF-1 with transcriptional coactivators including Cbp/p300-interacting transactivator. FIH-1 is involved in transcriptional repression through interaction with HIF1A, VHL and histone deacetylases [taken from the Universal Protein Resource (UniProt) Q9NWT6].
Gene ID:	55662
NCBI Accession:	NP_060372
UniProt:	Q9NWT6
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: Not recommended
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months