anti- ALKBH5 antibody

Product Information

Catalog No.:   FNab00314

Size: 100μg

Form: liquid

Purification: Immunogen affinity purified

Purity: ≥95% as determined by SDS-PAGE

Host: Rabbit

Clonality: polyclonal

IsoType: IgG

Storage: PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12
                    months (Avoid repeated freeze / thaw cycles.)

Background

Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N(6)-methyladenosine(m6A) RNA, the most prevalent internal modification of messenger RNA(mRNA) in higher eukaryotes(PubMed:23177736, PubMed:24778178, PubMed:24616105, PubMed:24489119). Can also demethylate N(6)-methyladenosine in single-stranded DNA(in vitro)(PubMed:24616105). Requires molecular oxygen, alpha-ketoglutarate and iron(PubMed:21264265, PubMed:23177736, PubMed:24778178, PubMed:24616105, PubMed:24489119). Demethylation of m6A mRNA affects mRNA processing and export(PubMed:23177736). Required for spermatogenesis(By similarity).

Immunogen information

Immunogen: alkB, alkylation repair homolog 5(E. coli)

Synonyms: ABH5, ALKBH5, FLJ20308, OFOXD, OFOXD1

Observed MW: 51 kDa

Uniprot ID :   Q6P6C2

Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:

Immunohistochemistry of paraffin-embedded human lung cancer using FNab00314(ALKBH5 antibody) at dilution of 1:100

HeLa cells were subjected to SDS PAGE followed by western blot with FNab00314(ALKBH5 antibody) at dilution of 1:500

Wuhan Fine Biotech Co., Ltd.

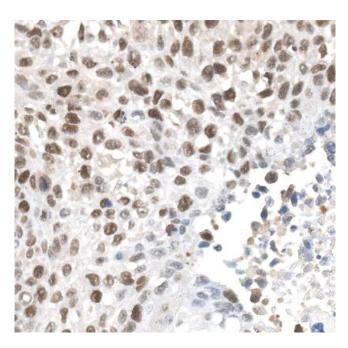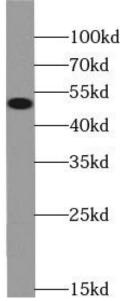B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

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