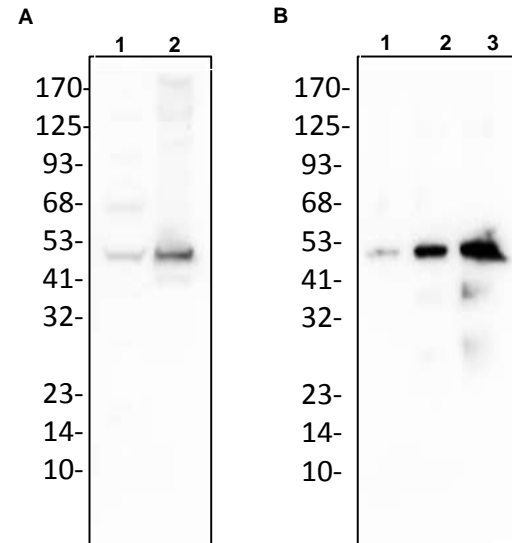


## Anti-IDH1 Antibody

<b>CATALOG NO:</b>	A1383-30T 30 µg (Trial size) A1383-100 100 µg
<b>ALTERNATIVE NAMES:</b>	Isocitrate dehydrogenase [NADP] cytoplasmic, R132H, IDH 1 R132H
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	Recombinant protein of human IDH1
<b>INTERNAL ID:</b>	BV-Q68
<b>HOST/ISOTYPE:</b>	Rabbit IgG
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In PBS pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin
<b>SPECIES REACTIVITY:</b>	Human
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Mutations of the cytosolic IDH 1 are a common feature in primary human brain cancers. Arginine 132 (R132) of IDH is highly conserved among different isoforms of IDH and is most commonly mutated to Histidine. Mutation of IDH1 R132H leads to accumulation of R(-)-2-hydroxyglutarate (2HG), which correlates with an increased risk for malignant brain tumors.
<b>APPLICATION:</b>	Western blot: 1-4 µg  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>



### Western blot analysis of IDH1 antibody in:

**Fig A:** (1) Jurkat cell lysate (2) 3T3 cell lysate

**Fig B:** IDH1 human recombinant (1) 2 ng (2) 10 ng (3) 50 ng

### RELATED PRODUCTS:

- Isocitrate Dehydrogenase 1 R132H mutant, Human Recombinant (**Cat. No. P1070**)
- Human Recombinant IDH1 (**Cat. No. 6379**)
- Active D-2-Hydroxyglutarate Dehydrogenase (**Cat. No. P1001**)
- D-2-Hydroxyglutarate (D2HG) Assay Kit (Colorimetric) (**Cat. No. K213**)
- PicoProbe™ D2HG Dehydrogenase Assay Kit (**Cat. No. K248**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**