

Anti-Fumarase Antibody (9X263)

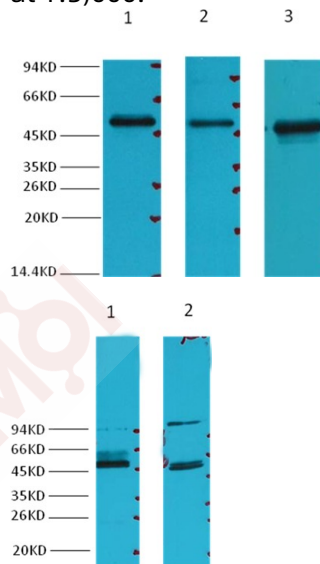
Product Details

Reactivity:	Human,Rat,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 54 kDa.
Clone:	9X263
Purification:	Affinity purification using immunogen.

Applications

Verified Activity:

- Western blot analysis of 1) 293T, 2) HepG2, 3) Hela cells, using TMAC-01573 diluted at 1:3,000.
- Western blot analysis of 1) Mouse Brain tissue, 2) Rat Brain tissue,, using TMAC-01573 diluted at 1:3,000.



Application:	WB
Recommended	WB: 1:2000-5000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Uniprot ID: P07954

Synonyms: Fumarate Hydratase Mitochondrial;Fumarase;FH

Research Background

Fumarase (FH) is an enzyme that catalyzes the reversible hydration/dehydration of fumarate to malate. Fumarase comes in two forms: mitochondrial and cytosolic. The mitochondrial isoenzyme is involved in the Krebs Cycle (also known as the Tricarboxylic Acid Cycle [TCA] or the Citric Acid Cycle), and the cytosolic isoenzyme is involved in the metabolism of amino acids and fumarate. Subcellular localization is established by the presence of a signal sequence on the amino terminus in the mitochondrial form, while subcellular localization in the cytosolic form is established by the absence of the signal sequence found in the mitochondrial variety.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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