

## FH (Phospho-Ser75) Antibody

Catalog No: #SAB617

Package Size: #SAB617 100ul

## Description

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | FH (Phospho-Ser75) Antibody                                                                                                                                     |
| Host Species          | Rabbit                                                                                                                                                          |
| Clonality             | Polyclonal                                                                                                                                                      |
| Purification          | The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns. |
| Applications          | WB                                                                                                                                                              |
| Species Reactivity    | Human                                                                                                                                                           |
| Specificity           | FH(Phospho-S75) Antibody detects endogenous levels of FH only when phosphorylated at S75.                                                                       |
| Immunogen Description | A synthesized peptide derived from human FH around the phosphorylation site of S75.                                                                             |
| Conjugates            | Unconjugated                                                                                                                                                    |
| Other Names           | Fumarase,HsFH                                                                                                                                                   |
| SDS-PAGE MW           | 54kDa                                                                                                                                                           |
| Concentration         | 1 mg/ml                                                                                                                                                         |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.               |
| Storage               | Store at -20°C/1 year                                                                                                                                           |

## Application Details

Western Blot: 1/500 - 1/2000

## Background

Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed:30761759). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.