

# NUDT19 Polyclonal Antibody

catalog number: E-AB-19451

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

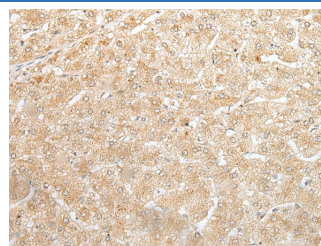
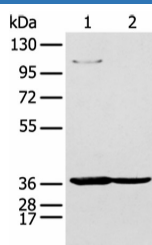
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human  |
| <b>Immunogen</b>    | Synthetic peptide of human NUDT19  |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Antigen affinity purification  |
| <b>Conjugation</b>  | Unconjugated   |
| <b>buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

## Applications

## Recommended Dilution

|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:25-1:100   |

## Data



Western blot analysis of 293T and K562 cell using NUDT19 Polyclonal Antibody at dilution of 1:350

**Observed-MV:Refer to figures**

**Calculated-MV:42 kDa**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NUDT19 Polyclonal Antibody at dilution of 1:25(×200)

## Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.  |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## Background

NUDT19 (nudix (nucleoside diphosphate linked moiety X)-type motif 19), also known as RP2, is a 375 amino acid protein and coenzyme A diphosphatase that assists in the hydrolysis of CoA esters. A member of the nudix hydrolase family, NUDT19 contains one nudix hydrolase domain and localizes to both mitochondria and peroxisome. NUDT19 utilizes magnesium and/or manganese as cofactors and is encoded by a gene that maps to human chromosome 19q13.11. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

## For Research Use Only