

# BUD31 Polyclonal Antibody

catalog number: E-AB-18552

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

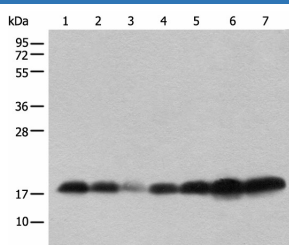
## Description

Reactivity	Human;Mouse;Rat
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

WB	1:1000-1:5000
IHC	1:50-1:300

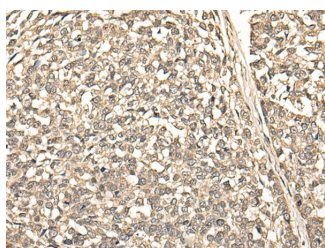
## Data



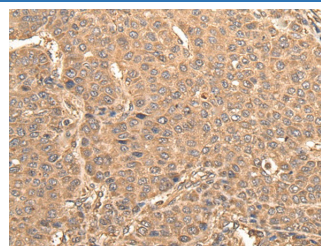
Western Blot analysis of Human testis, Mouse brain, Mouse heart, PC-3 cell, 231 cell, Raji and Jurkat cell lysates Mouse lung and Rat spleen using BUD31 Polyclonal Antibody at dilution of 1:800.

**Observed-MV: Refer to figures**

**Calculated-MV: 17 kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using BUD31 Polyclonal Antibody at dilution of 1:75 (×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BUD31 Polyclonal Antibody at dilution of 1:75 (×200)

## Preparation & Storage

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

## Background

## For Research Use Only

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BUD31 (Protein G10 homolog, EDG-2) is a 144 amino acid protein encoded by the human gene BUD31. BUD31 is a nuclear protein that belongs to the BUD31 (G10) family. BUD31 is found on chromosome 7 which is about 158 million bases long, encodes over 1,000 genes and makes up about 5% of the human genome. Chromosome 7 has been linked to osteogenesis imperfecta, Pendred syndrome, lissencephaly, citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the long (q) arm of human chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

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