

## TP53I11 Antibody

Catalog No: #43423

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## Description

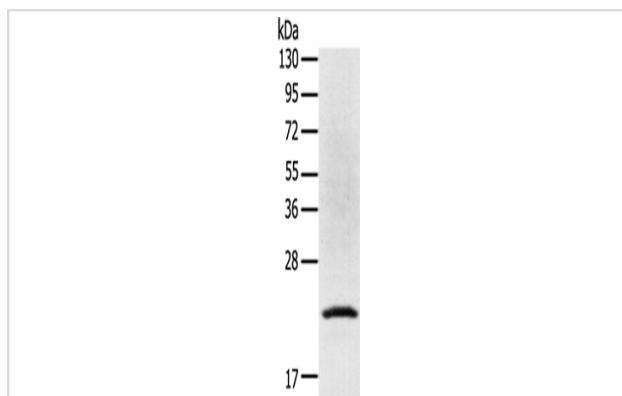
Product Name	TP53I11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total TP53I11 protein.
Immunogen Description	Synthetic peptide of human TP53I11
Target Name	TP53I11
Other Names	PIG11
Accession No.	Swiss-Prot#: O14683Gene ID: 9537
Uniprot	O14683
GeneID	9537;
Calculated MW	21kd
Concentration	2.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:20-1:100

## Images



Gel: 8%SDS-PAGE

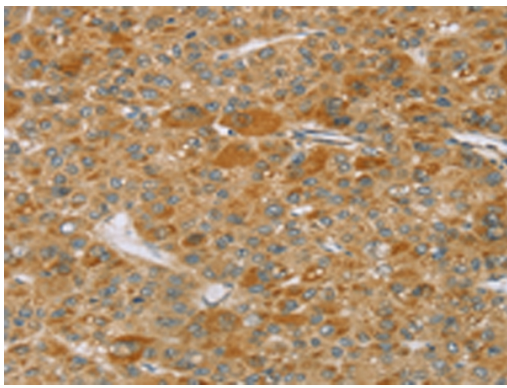
Lysate: 40 µg

Lane: Jurkat cells

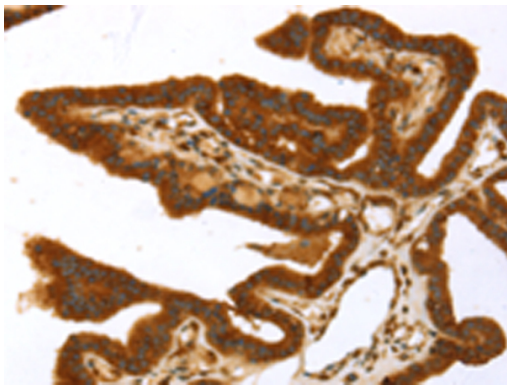
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #43423 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #43423 at dilution 1/40.

## Background

TP53I11 is a 177 amino acid tumor suppressor belonging to the p53-induced protein gene (PIG) family. The PIG gene family encodes redox-controlling proteins that are involved in p53 tumor suppressor activity. It is suggested that PIG11 is involved in arsenic trioxide As<sub>2</sub>O<sub>3</sub>-induced apoptosis in certain cell lines and may play a significant role in tumor suppression through promotion of cell apoptosis. The gene encoding PIG11 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome.?

Note: This product is for in vitro research use only