

## Anti-TCAB1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Horse,Rabbit)
Molecular Weight:	Theoretical: 60 kDa. Actual: 60 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	<ol style="list-style-type: none"><li>1. Paraformaldehyde-fixed, paraffin embedded (rat ovary tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TCAB1) Polyclonal Antibody, Unconjugated (TMAB-13419) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</li><li>2. 25 µg total protein per lane of various lysates (see on figure) probed with TCAB1 polyclonal antibody, unconjugated (TMAB-13419) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</li></ol>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human WDR79/TCAB1
Antigen Species:	Human
Gene ID:	55135
Uniprot ID:	Q9BUR4

## Research Background

WDR79 contains six WD (tryptophan-aspartate) repeat domains found in a number of proteins that function as adaptor molecules in signal transduction and cytoskeletal organization. The WD repeat is defined by four or more repeating units of a conserved core of approximately 40 amino acids ending with tryptophan-aspartic acid (WD). WD repeats may serve as sites of protein-protein interaction for adaptor proteins and facilitate multiprotein complex formation. The function of the WDR79 protein has not been characterized, however significant and consistent single nucleotide polymorphisms in the WDR79 gene have been found to be associated with ER negative breast cancer.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481