

## Anti-ANXA2 Antibody (7P81)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7P81
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: HEK293 whole cell lysate, Hela whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate, PC3 whole cell lysate</li><li>-All lanes: ANXA2 antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 39, 41 kDa</li><li>-Observed band size: 36-45 kDa</li></ul> <p>2. IHC image of TMAH-00065 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:2000; IHC:1:50-1:200.

## Properties

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

## Antigen Details

Immunogen:	A synthetic peptide: Human ANXA2
Antigen Species:	Human
Gene ID:	302
Uniprot ID:	P07355
Synonyms:	ANX2;CAL1H;LIP2PAP-IV;Lipocortin II;ANXA2;p36;Chromobindin-8;LPC2D;Annexin A2;Annexin II;LPC2DP36;PAP-IV;ANX2L4
Biology Area:	Signal transduction

## Research Background

Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response. Inhibits PCSK9-

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enhanced LDLR degradation, probably reduces PCSK9 protein levels via a translational mechanism but also competes with LDLR for binding with PCSK9.

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

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