

## Anti-SMOC2 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 47 kDa.
Purification:	Protein A purified

## Applications

Application:	ELISA
Recommended	ELISA: 1:5000-10000

## 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:	KLH conjugated synthetic peptide: human SMOC2
Antigen Species:	Human
Gene ID:	64094
Uniprot ID:	Q9H3U7
Synonyms:	SMOC2;Smooth muscle-associated protein 2 (SMAP-2);Secreted modular calcium-binding protein 2 (SMOC-2);SPARC-related modular calcium-binding protein 2;SMAP2
Biology Area:	Angiogenic Factors,Calcium Binding Proteins

## Research Background

SMOC 2 (Secreted modular calcium binding protein 2) is a secreted modular protein containing an EF hand calcium binding domain homologous to that in BM40. It consists of two thyroglobulin like domains, a follistatin like domain and a novel domain found only in the homologous SMOC 1. SMOC 1 and 2 form a separate group within the BM40 family. SMOC 2 is a glycoprotein with a calcium dependent conformation. SMOC 2 contains 2 EF hand calcium binding domains, 1 Kazal like domain and 2 thyroglobulin type I domains.

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