



## Anti-SULF2 (internal region) polyclonal antibody (DPAB-DC2463)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM, Mar 2008]
<b>Specificity</b>	Approx 90 KDa band observed in human ovary lysates (calculated MW of 98.2 KDa according to NP_940998.1). An additional band of 50 KDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human SULF2. The sequence is C-DGRVYHVGLGDAAQPR
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

---

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

---

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SULF2 sulfatase 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SULF2
<b>Synonyms</b>	SULF2; sulfatase 2; HSULF-2; extracellular sulfatase Sulf-2;
<b>Entrez Gene ID</b>	<a href="#">55959</a>
<b>Protein Refseq</b>	<a href="#">NP_001155313</a>
<b>UniProt ID</b>	<a href="#">Q8IWU5</a>
<b>Chromosome Location</b>	20q12-q13.2
<b>Function</b>	N-acetylglucosamine-6-sulfatase activity; arylsulfatase activity; calcium ion binding;

---