



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

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

PRODUCT INFORMATION

Antigen Description	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]
Specificity	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
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human SULF2. The sequence is C-DGRVYHVGLGDAAQPR
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

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

GENE INFORMATION

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