

Product Information Sheet

Sheep anti-human SULT1A3 antiserum

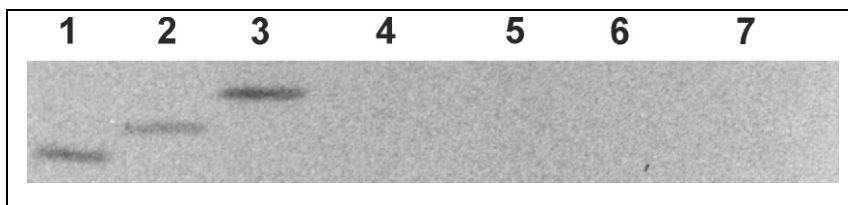
Catalogue Number:	CYP602
Product Description:	Polyclonal antiserum raised in sheep against purified recombinant human SULT1A3
Amount:	50 µl
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
Intended Use:	For laboratory (research) purposes only.
Batch Number:	AB602001

Western blotting specificity

The antiserum detects SULTs 1A1, 1A2 and 1A3.

A dilution of 1:10,000 is suggested for Western blotting applications (using ECL detection).

a) Immunoblotting of cDNA-expressed human SULTs:



Lanes contain cell-free extract from *E. coli* strains expressing human SULTs

Lane 1: SULT1A1 (9 ng)

Lane 5: SULT1C2 (10 ng)

Lane 2: SULT1A2 (9 ng)

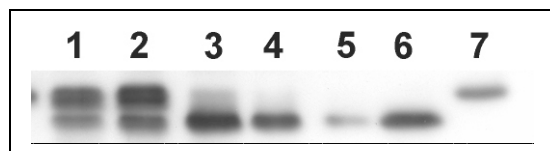
Lane 6: SULT1E1 (50 ng)

Lane 3: SULT1A3 (12 ng)

Lane 7: SULT2A1 (6 ng)

Lane 4: SULT1B1 (4 ng)

b) Immunoblotting of human tissues:



Lane 1: Human jejunum 1 (6 µg)

Lane 6: Human SULT1A1 (25 ng)

Lane 2: Human jejunum 2 (6 µg)

Lane 7: Human SULT1A3 (20 ng)

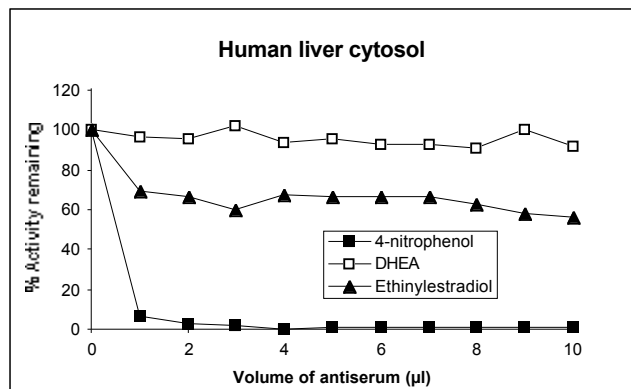
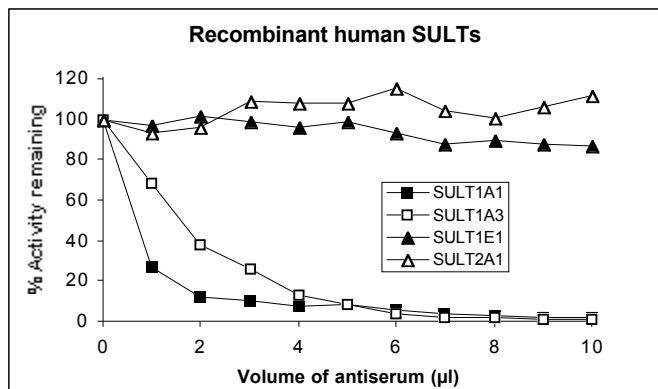
Lane 3: Human liver 1 (5 µg)

Lane 4: Human liver 1 (2.5 µg)

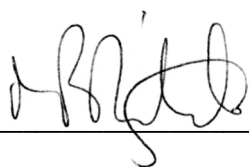
Lane 5: Human liver 1 (1.25 µg)

Immunoinhibition of SULT activity

This antiserum specifically inhibits members of the human SULT1A family. In human liver cytosol, SULT1A1 is selectively inhibited (SULT1A3 is not expressed in adult human liver).



Approved by _____



Date 10th September, 2004

Safety Data

The toxicological properties of this reagent have not been investigated. Exercise due care when handling.

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