

Anti-SULT2B1 Antibody (5C390)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 41 kDa. Actual: 50 kDa.
Clone:	5C390
Purification:	Protein G purified

Applications

Verified Activity:	1. Sample: Lane 1: MCF-7 cell lysates Primary: Anti-SULT2B1 (TMAB-13267) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 50 kD
	2. Sample: Lane 1: MCF-7 cell lysates Lane 2: MDA-MB-468 cell lysates Primary: Anti-SULT2B1 (TMAB-13267) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 50 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human SULT2B1
Antigen Species:	Human
Gene ID:	6820
Uniprot ID:	O00204

Research Background

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by

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