

SULT4A1a/b Antibody (N-term)

Catalog_no :	AB2088
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:1-30
Specificity :	This SULT4A1a/b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SULT4A1a/b.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Sulfotransferase 4A1, ST4A1, 282-, Brain sulfotransferase-like protein, hBR-STL, hBR-STL-1, Nervous system sulfotransferase, NST, SULT4A1, SULTX3
Isotype :	Rabbit Ig
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. SULT4A1 isoforms a and b are selectively expressed in brain tissue. Isoform a is the predominant of the two isoforms of this protein. Isoform b includes an alternate segment, compared to isoform a, that causes a frameshift. The resulting protein (isoform b) has a distinct and shorter C-terminus when compared to isoform a.
reference :	Liyou, N.E., et al., J. Histochem. Cytochem. 51(12):1655-1664 (2003). Weinshilboum, R.M., et al., FASEB J. 11(1):3-14 (1997). Glatt, H., et al., Mutat. Res. 482 (1-2), 27-40 (2001). Sakakibara, Y., et al., Gene 285 (1-2), 39-47 (2002). Glatt, H., et