
Product Information

Product SKU:	CAB13967	Gene ID:	1545	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	Refer to figures	Conjugate:	Unconjugated
Calculated MW:	61kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.
Recommended Dilution:	WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:200
Synonyms:	CP1B; ASGD6; GLC3A; CYP1B1; P4501B1; CYP1B1
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 244-543 of human CYP1B1 (NP_000095.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.