

CBR3 Rabbit mAb

Catalog # AP75207

Product Information

Application	WB
Primary Accession	O75828
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30850

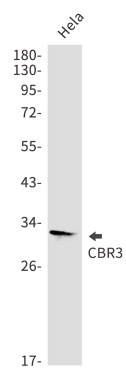
Additional Information

Gene ID	874
Other Names	CBR3
Dilution	WB~~1/500-1/1000
Format	Liquid

Protein Information

Name	CBR3 (HGNC:1549)
Function	Catalyzes the NADPH-dependent reduction of carbonyl compounds to their corresponding alcohols (PubMed: 18493841). Has low NADPH- dependent oxidoreductase activity. Acts on several orthoquinones, acts as well on non-quinone compounds, such as isatin or on the anticancer drug oracin (PubMed: 15537833 , PubMed: 18493841 , PubMed: 19841672). Best substrates for CBR3 is 1,2- naphthoquinone, hence could play a role in protection against cytotoxicity of exogenous quinones (PubMed: 19841672). Exerts activity toward ortho-quinones but not paraquinones. No endogenous substrate for CBR3 except isatin has been identified (PubMed: 19841672).
Cellular Location	Cytoplasm.
Tissue Location	Detected in ovary, pancreas, intestine, colon, kidney, brain, thymus, lung, heart, liver, spleen, leukocyte, prostate and testis.

Images



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