

## EPHX2 Polyclonal Antibody

Catalog number: 10833-1-AP

Size: 68 µg/150 µl

Source: Rabbit

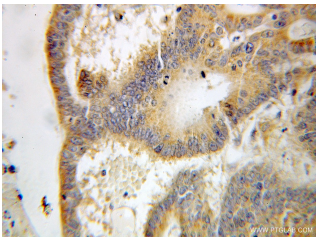
Isotype: IgG

Synonyms:

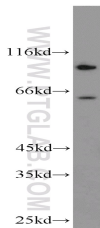
EPHX2; CEH, Cytosolic epoxide hydrolase, EPHX2, Epoxide

hydratase, Epoxide hydrolase 2,

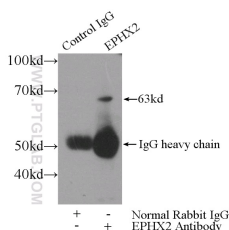
SEH, Soluble epoxide hydrolase



Immunohistochemical of paraffin-embedded human colon cancer using 10833-1-AP(EPHX2 antibody) at dilution of 1:100 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 10833-1-AP(EPHX2 antibody) at dilution of 1:1000



IP Result of anti-EPHX2 (IP:10833-1-AP, 4µg; Detection:10833-1-AP 1:500) with HEK-293 cells lysate 2800µg.

### Background

EPHX2(Epoxide hydrolase 2) acts on epoxides (alkene oxides, oxiranes) and arene oxides and plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. It was observed in many tissues with the band of 63 Kda in the western blot. It has also been reported that the N-terminal domain might promote dimerization of EPHX2(PMID:21553642).

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human; other species not tested.
Cited species:	Chicken
Calculated EPHX2 MW:	63 kDa
Observed EPHX2 MW:	63 kDa
Positive WB detected in:	HeLa cells, HEK-293 cells
Positive IP detected in:	HEK-293 cells
Positive IHC detected in:	Human colon cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1283
GenBank accession number:	BC013874
Gene ID (NCBI):	2053
Full name:	Epoxide hydrolase 2, cytoplasmic

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.