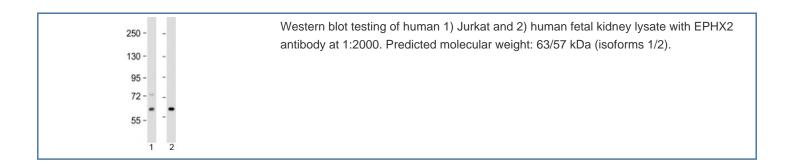


# **EPHX2 Antibody (F53972)**

Catalog No.	Formulation	Size
F53972-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53972-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P34913
Applications	Western Blot : 1:1000-2000
Limitations	This EPHX2 antibody is available for research use only.



### **Description**

Epoxide hydrolase 2 is a bifunctional enzyme. The C-terminal domain has epoxide hydrolase activity and acts on epoxides (alkene oxides, oxiranes) and arene oxides. Plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. Also determines steady-state levels of physiological mediators. The N-terminal domain has lipid phosphatase activity, with the highest activity towards threo- 9,10-phosphonooxy-hydroxy-octadecanoic acid, followed by erythro-9,10-phosphonooxy-hydroxy-octadecanoic acid, 12-phosphonooxy-octadec-9E-enoic acid, and p-nitrophenyl phospate.

# **Application Notes**

Titration of the EPHX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

# **Immunogen**

A portion of amino acids 64-94 from the human protein was used as the immunogen for the EPHX2 antibody.

# **Storage**

Aliquot the EPHX2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.