



## Aryl hydrocarbon Receptor Antibody

E300171

### Product description:

Formulation: Lyophilized anti-Aryl hydrocarbon Receptor antibody purified by peptide affinity column containing 0.5% BSA and 0.02% NaN<sub>3</sub>

Catalog No.:E300171

Size: 100ug/200ul

### Source:

Rabbit polyclonal Aryl hydrocarbon Receptor<sup>(1)</sup> antibody was raised against a peptide from the N terminal residues of human Aryl hydrocarbon Receptor protein.

### Species Reactivity:

Human, mus, rat

Not yet tested in other species.

### Application:

For research use only

Peptide ELISA titer: 1:20,000-1:80,000

Western blot analysis: 1:200-1:500

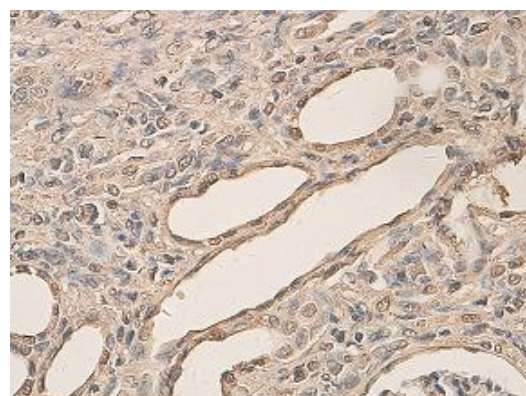
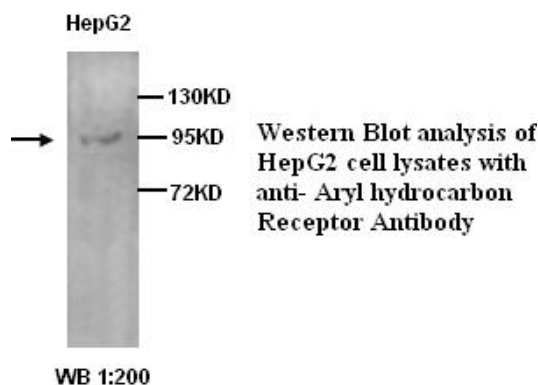
Immunohistochemistry: 1:100-1:500

Optimal dilutions/concentrations should be determined by the end user.

### Dilution instruction and storage:

Already reconstituted in 200ul sterile H<sub>2</sub>O. The antibody is stable for at least one year when stored at -20°C after reconstitution.

Avoid repeated freeze/defrost cycles.



Immunohistochemical staining of formalin-fixed paraffin-embedded rat kidney showing cytoplasmic and nuclear staining with anti-AHR antibody dilution: 1:200.

### Reference:

(1)Lindebro, M.C., Poellinger, L. and Whitelaw, M.L. Protein-protein interaction via PAS domains: role of the PAS domain in positive and negative regulation of the bHLH/PAS dioxin receptor-Arnt transcription factor complex. EMBO J. 1995; 14(14): 3528-3539.

**For Research Use Only**