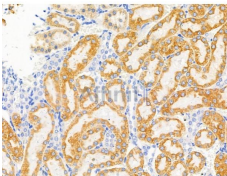


## Phospho-EPHA2/3/4 (Tyr588/Tyr596) Ab

[Images\(3\)](#)

|               |  |                       |
|---------------|--|-----------------------|
| Cat.#: AF0028 | Concn.: ~1mg/ml  | Mol.Wt.: 130kDa       |
| Size:         | Source: Rabbit   | Clonality: Polyclonal |
| Application:  | WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200<br>*The optimal dilutions should be determined by the end user.  |                       |
| Reactivity:   | Human,Mouse,Rat  |                       |
| Storage:      | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.   |                       |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.   |                       |
| Immunogen:    | A synthesized peptide derived from human EPHA2/3/4 around the phosphorylation site of Tyr588 and 596.  |                       |
| Uniprot:      | P29317/P29320/P54764   |                       |
| Description:  | EphA2 a receptor tyrosine kinase. Receptor for members of the ephrin-A family. Binds to ephrin-A1, -A3, -A4 AND -A5. The Eph receptor tyrosine kinase family, the largest in the tyrosine kinase group, has fourteen members. They bind membrane-anchored ligands, ephrins, at sites of cell-cell contact, regulating the repulsion and adhesion of cells that underlie the establishment, maintenance, and remodeling of patterns of cellular organization. Eph signals are particularly important in regulating cell adhesion and cell migration during development, axon guidance, homeostasis and disease. |                       |



AF0028 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.