

# Product Datasheet

## Ephrin-A1 Antibody NBP1-30503

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-30503****Ephrin-A1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.9% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	23 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1942
<b>Gene Symbol</b>	EFNA1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 70-120 of Human Ephrin-A1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Publications**

Azimi A, Tuominen R, Svedman FC et al. Silencing FLI or targeting CD13/ANPEP lead to dephosphorylation of EPHA2, a mediator of BRAF inhibitor resistance, and induce growth arrest or apoptosis in melanoma cells Cell Death Dis. 2017-08-01 [PMID: 29048432] (WB, Human)

Toma MI, Erdmann K, Diezel M et al. Lack of ephrin receptor A1 is a favorable independent prognostic factor in clear cell renal cell carcinoma. PLoS ONE 2014-07-16 [PMID: 25025847] (IHC-P, Human)

**Details:**

Ephrin A1 antibody used for IHC-P on 2um thick TMA sections of human Clear Cell Renal Cell Carcinoma (ccRCC) and non-malignant renal tissue/tumor-free normal kidney specimens(Tf)- primary dilution used 1:50, DAB detection (Figure 1).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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