

## RFP Polyclonal Antibody

<b>Catalogue No*:</b>	AB1140-100	<b>Price/Unit*:</b>	320.00
<b>Source:</b>	3	<b>Quantity/unit size*:</b>	300 g
<b>Description:</b>	Goat polyclonal antibody to RFP (Red fluorescent protein). RFP is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus <i>Discosoma</i> .  <b>Alternative names:</b> Cherry fluorescent protein; dsRed, red fluorescent protein, tdTomato antibody.		
<b>Immunogen:</b>	Purified recombinant RFP peptide produced in <i>E. coli</i> .		
<b>Specificity:</b>	In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody also recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).		
<b>Reactivity:</b>	Red Fluorescent Protein (dsRed), mCherry, mOrange, mPlum, mRFP, mStrawberry and tdTomato.		
<b>Usage:</b>	Western blot 1:500-1:2,000 Immunofluorescence 1:50-1:500 Immunohistochemistry (paraffin) 1:50-1:500 Immunohistochemistry (frozen) 1:50-1:500		

### Reactivity Chart

Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
Transfected cells	+++	+++	+++	+++

**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

**Special instructions:** Avoid freeze/thaw cycles.

**References:**

1. D Jiang, D Correa-Gallegos, S Christ, et al. *Nat Cell Biol* 2018 Apr. PMID:29593327
2. Tian DS, Peng J, Murugan M, et al. *J Neurosci*. 2017 Aug 16. PMID:28716963
2. Semerci F, Choi WT, Bajic A, et al. *Elife*. 2017 Jul 12. PMID:28699891

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