

## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Goat anti-TFAP2D

### With HRP-conjugated Secondary Antibody

**Catalog No.**  
126-10014

**Accession Number(s):**  
NP\_758438.2

#### ***Target Protein***

**Principal Names:** transcription factor AP-2 beta-like 1, transcription factor AP-2 beta (activating enhancer-binding protein 2 beta)-like 1, transcription factor AP-2 beta (activating enhancer binding protein 2 beta)-like 1, activating enhancer binding protein 2 beta-like 1, OTTHUMP00000016593, AP-2 like, TFAP2BL1, transcription factor AP-2 delta (activating enhancer binding protein 2 delta), TFAP2D

**Official Symbol:** TFAP2D

**Accession Number(s):** NP\_758438.2

**Human GeneID(s):** [83741](#)

**Non-Human GeneID(s):** 226896 (mouse), 301284 (rat)

#### ***Immunogen***

Peptide with sequence C-HHQS FHYEFQHSHP, from the internal region of the protein sequence according to NP\_758438.2.

#### ***Purification and Storage***

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

#### ***Applications Tested***

**Peptide ELISA:** antibody detection limit dilution 1:64000.

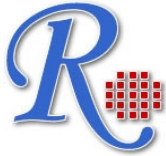
**Western blot:** Preliminary experiments in Human Thymus lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

#### ***Species Reactivity***

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Horse, Dog, Cow

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
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### ***Background Reference***

Wenke AK, Rothhammer T, Moser M, Bosserhoff AK.

Regulation of integrin alpha10 expression in chondrocytes by the transcription factors AP-2epsilon and Ets-1.

Biochem Biophys Res Commun. 2006 Jun 23;345(1):495-501. Epub 2006 May 2.

**PMID:** 16684505

### ***Secondary Antibody Applications***

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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