



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12262 - Goat Anti-Transcription factor E2F4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: E2F4, E2F transcription factor 4, p107/p130-binding, E2F-4, p107/p130-binding protein, transcription factor E2F4

Official Symbol: E2F4

Accession Number(s): NP_001941.2

Human GeneID(s): [1874](#)

Non-Human GeneID(s): 104394 (mouse), 100360427 (rat)

Immunogen

Peptide with sequence C-PKELSEIFDPTR, from the internal region of the protein sequence according to NP_001941.2.

Please note the [peptide](#) is available for sale.

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

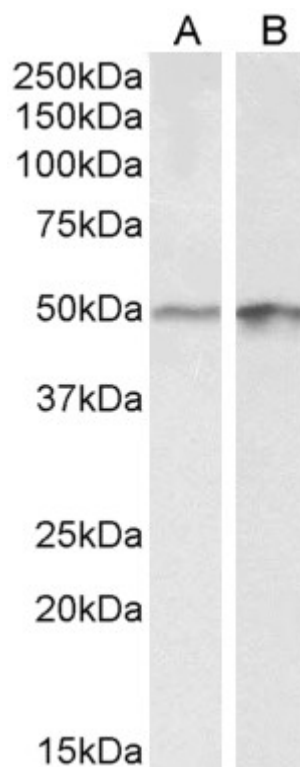
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 50kDa band observed in lysates of cell lines A431 and HeLa (calculated MW of 44.0kDa according to NP_001941.2). Recommended concentration: 0.1-0.3µg/ml. Approx 40+50kDa bands observed in Pig Brain and Heart lysates (calculated MW of 43.2kDa according to Pig XP_003126981.3). Recommended concentration: 0.01-0.003µg/ml.

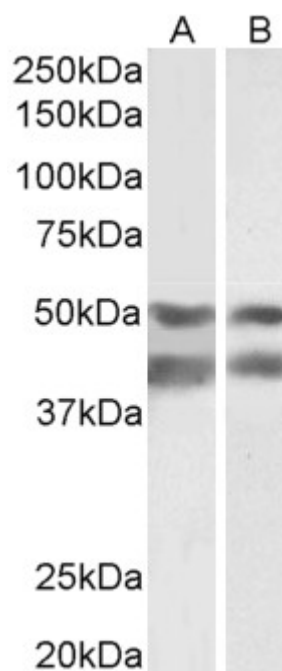
Species Reactivity

Tested: Human, Pig

Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow



EB12262 (0.3 μ g/ml) staining of A43 (A) and HeLa (B) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12262 (0.003 μ g/ml) staining of Pig Brain (A) and Heart (B) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence