Product Datasheet

EGF antibody

Catalog No: #38447

Package Size: #38447-1 50ul #38447-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

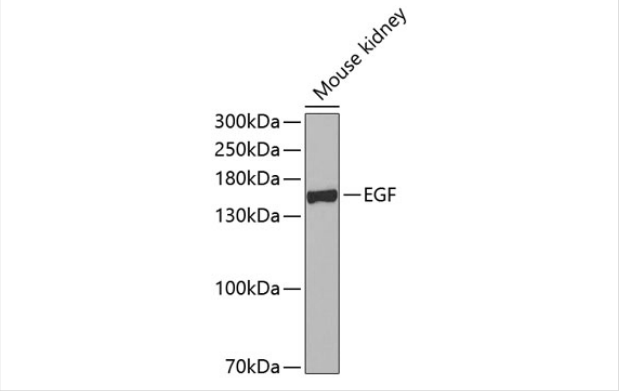
Description

Product Name	EGF antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total EGF protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human EGF.
Target Name	EGF
Other Names	URG; HOMG4;
Accession No.	Swiss-Prot#: P01133NCBI Gene ID: 1950
Uniprot	P01133
GeneID	1950;
SDS-PAGE MW	134kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

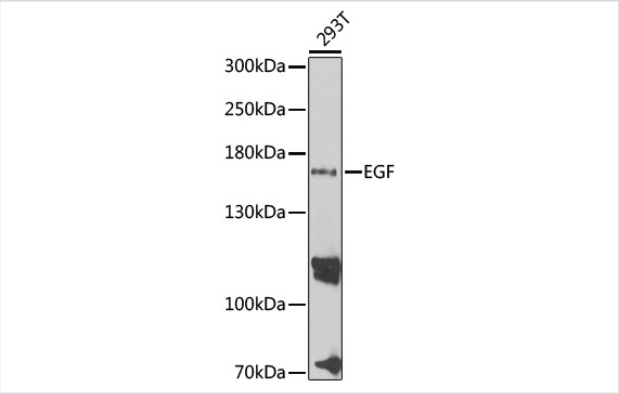
Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of mouse kidney, using EGF at 1:500 dilution.



Western blot analysis of extracts of 293T cells, using EGF at 1:1000 dilution.

Background

This gene encodes a member of the epidermal growth factor superfamily. The encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding the high affinity cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. Alternate splicing results in multiple transcript variants.

Note: This product is for in vitro research use only