

Goat anti-NRF2 (aa445-458) Antibody

Item Number	dAP-2458
Target Molecule	Principle Name: NRF2 (aa445-458); Official Symbol: NFE2L2; All Names and Symbols: NFE2L2; nuclear factor (erythroid-derived 2)-like 2; NRF2; HEBP1; NF-E2-related factor 2; NFE2-related factor 2; OTTHUMP00000205251; OTTHUMP00000207980; nuclear factor erythroid 2-related factor 2; nuclear factor, erythroid derived 2, like 2; Accession Number (s): NP_006155.2; NP_001138884.1; NP_001138885.1; Human Gene ID(s): 4780; Non-Human GeneID(s): 18024 (mouse) 83619 (rat)
Immunogen	KHSSRLEAHLTRDE, is from internal region This antibody is expected to recognize all reported isoforms (NP_006155.2; NP_001138884.1; NP_001138885.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Lung lysates (calculated MW of 67.8kDa according to NP_006155.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Itoh K, Wakabayashi N, Katoh Y, Ishii T, Igarashi K, Engel JD, Yamamoto M. Keap1 represses nuclear activation of antioxidant responsive elements by Nrf2 through binding to the amino-terminal Neh2 domain. Genes Dev. 1999 Jan 1;13(1):76-86..PMID: 9887101->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**