

Goat anti-IER5 Antibody

Item Number	dAP-1027
Target Molecule	Principle Name: IER5; Official Symbol: IER5; All Names and Symbols: IER5; immediate early response 5; MGC102760; SBBI48; Accession Number (s): NP_057629.1; Human Gene ID(s): 51278; Non-Human GenID(s):
Immunogen	QPPSGGEDDDAEE, is from internal region
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 2000.
Western Blot	Western Blot: Customer's experiments gave a band at approx 45kDa in lysates of transfected H1299 over-expressing IER5 but not when transfected with empty vector (calculated MW of 33.7kDa according to NP_057629.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cirelli C, Tononi G. Gene expression in the brain across the sleep-waking cycle. Brain Res. 2000 Dec 8;885(2):303-21. PMID: 11102586 ->

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 end users! This product is sold for **Research Use Only**