

Goat anti-Fascin 2 Antibody

Item Number	dAP-1167
Target Molecule	Principle Name: Fascin 2; Official Symbol: FSCN2 ; All Names and Symbols: fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus); RFSN; RP30; fascin 2; retinal fascin.; Accession Number (s): NP_001070650.1; NP_036550.1; Human Gene ID(s): 25794; Non-Human GeneID(s): 238021 (mouse) 303741 (rat)
Immunogen	CHHRGSNQLDTNR, is from internal region This antibody is expected to recognize both reported isoforms (NP_001070650.1 and NP_036550.1).
Applications	Pep ELISA, IHC Species Tested: Mouse
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: Preliminary experiments gave bands at approx 75kDa and 22kDa in Mouse Eye lysates after 0.05µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated si
IHC	Immunohistochemistry: This product was successfully used on sections of mouse cochlea as described in Shin et al, J Neurosci. 2010 Jul 21;30(29):9683-94; PMID: 20660251
Reference	Reference(s): Vignjevic D, Kojima S, Aratyn Y, Danciu O, Svitkina T, Borisy GG. Role of fascin in filopodial protrusion. J Biol. 2006 Sep 11;174(6):863-75..PMID: 16966425 ->

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**