

## Goat anti-Alfy / WDFY3 Antibody

<b>Item Number</b>	dAP-3201
<b>Target Molecule</b>	Principle Name: Alfy / WDFY3; Official Symbol: WDFY3; All Names and Symbols: WDFY3; WD repeat and FYVE domain containing 3; ALFY; ZFYVE25; WD repeat and FYVE domain-containing protein 3; autophagy-linked FYVE protein; Accession Number (s): NP_055806.2; Human Gene ID(s): 23001; Non-Human GenelD(s): 72145 (mouse) 305164 (rat)
<b>Immunogen</b>	SPERSTRQQKEFQT, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 400kDa band observed in Mouse Brain lysates (calculated MW of 395kDa according to NP_055806.2). Data obtained from anonymous customer. The lower molecular weight bands are non-specific. We call for caution when used for other assays
<b>IHC</b>	
<b>Reference</b>	Reference(s): Yamamoto A, Simonsen A. Alfy-dependent elimination of aggregated proteins by macroautophagy: can there be too much of a good thing? Autophagy 2011 Mar 7 (3): 346-50..PMID: 21150266->

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**