

## Goat anti-Arl6 / BBS3 (mouse) Antibody

<b>Item Number</b>	dAP-2420
<b>Target Molecule</b>	Principle Name: Arl6 / BBS3 (mouse); Official Symbol: Arl6; All Names and Symbols: ARL6; ADP-ribosylation factor-like 6; BBS3; 1110018H24Rik; 2210411E14Rik; ADP-ribosylation factor-like protein 6; ADP-ribosylation-like factor homolog ARL6; bardet-Biedl syndrome 3 protein; Accession Number (s): NP_062639.3; Human Gene ID(s): ; Non-Human GeneID(s): 56297 (mouse)
<b>Immunogen</b>	KPSNAQSQDIVPT, is from internal region Reported variants represent identical protein: NP_816931.1, NP_115522.1
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<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 16000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 33kDa band in Mouse Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 21.0kDa
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Lung. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Wiens CJ, Tong Y, Esmail MA, Oh E, Gerdes JM, Wang J, Tempel W, Rattner JB, Katsanis N, Park HW, Leroux MR, Bardet-Biedl syndrome-associated small GTPase ARL6 (BBS3) functions at or near the ciliary gate and modulates Wnt signaling. The Journal of biological chemistry 2010 May 285 (21):

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**